DATAMARS
Livestock™

STAFIX™
by Datamars

POWERING YOUR LAND

Electric Fence System and Resource Guide

New Zealand 2024

www.stafix.com

DATAMARS
Livestock™

Imagine a world where livestock management is efficient, seamless, and highly effective. At Datamars Livestock, we are revolutionising livestock management through our cutting-edge data-driven solutions. Our innovative technologies empower farmers to optimise their operations, enhance animal welfare, and maximise profitability.

Our ecosystem of products works together to enable precision livestock management. Our world-renowned product brands, including Z Tags, Tru-Test, and Prattley, have helped farmers achieve their goals for decades. Identification tools by Z Tags start the process early, providing secure visual or electronic tags to uniquely track animals from day one. Our electronic tags work seamlessly with readers and scales by Tru-Test to accurately collect weights and other important data with animal breeding, weight, and productivity, as well as health information. Robust handling systems by Prattley allow you to calmly and efficiently work and care for your animals, making it easy to action insights and effectively manage individual animals.

Our solutions work together, but more importantly, they work with you. Our diverse

portfolio of industry-leading brands provides a unique ability to impact multiple areas on the farm. These solutions are underpinned by our Datamars Livestock software, a cloud-based program designed to deliver insights to your fingertips.

Join us in transforming the livestock industry with our state-of-the-art data-driven solutions. Experience the power of technology to drive efficiency, improve profitability, and promote sustainable practices. Together, let's unlock the full potential of your livestock operation with Datamars Livestock.

Tru-Test. DATAMARS

Z TAGS. DATAMARS

Speedrite. DATAMARS

STAFIX by Datamars

PeL. DATAMARS

Simcro. DATAMARS

Prattley DATAMARS

HAYES™

FOR OVER 60 YEARS,

The Stafix range has delivered rugged, reliable electric fence products for safe and effective animal containment and pasture management.

Backed by history and a warranty – we guarantee they'll do the job.

Stafix provides a full range of electric fencing solutions to suit your needs.

NEED MORE HELP?

Visit **www.stafix.com** for more information about our range, contact details and Stafix stockists. Alternatively, refer to the back page for details of your local office.

You Tube

Stafix has a range of 'how-to' videos. To view these please visit our YouTube channel www.youtube.com/StafixFence
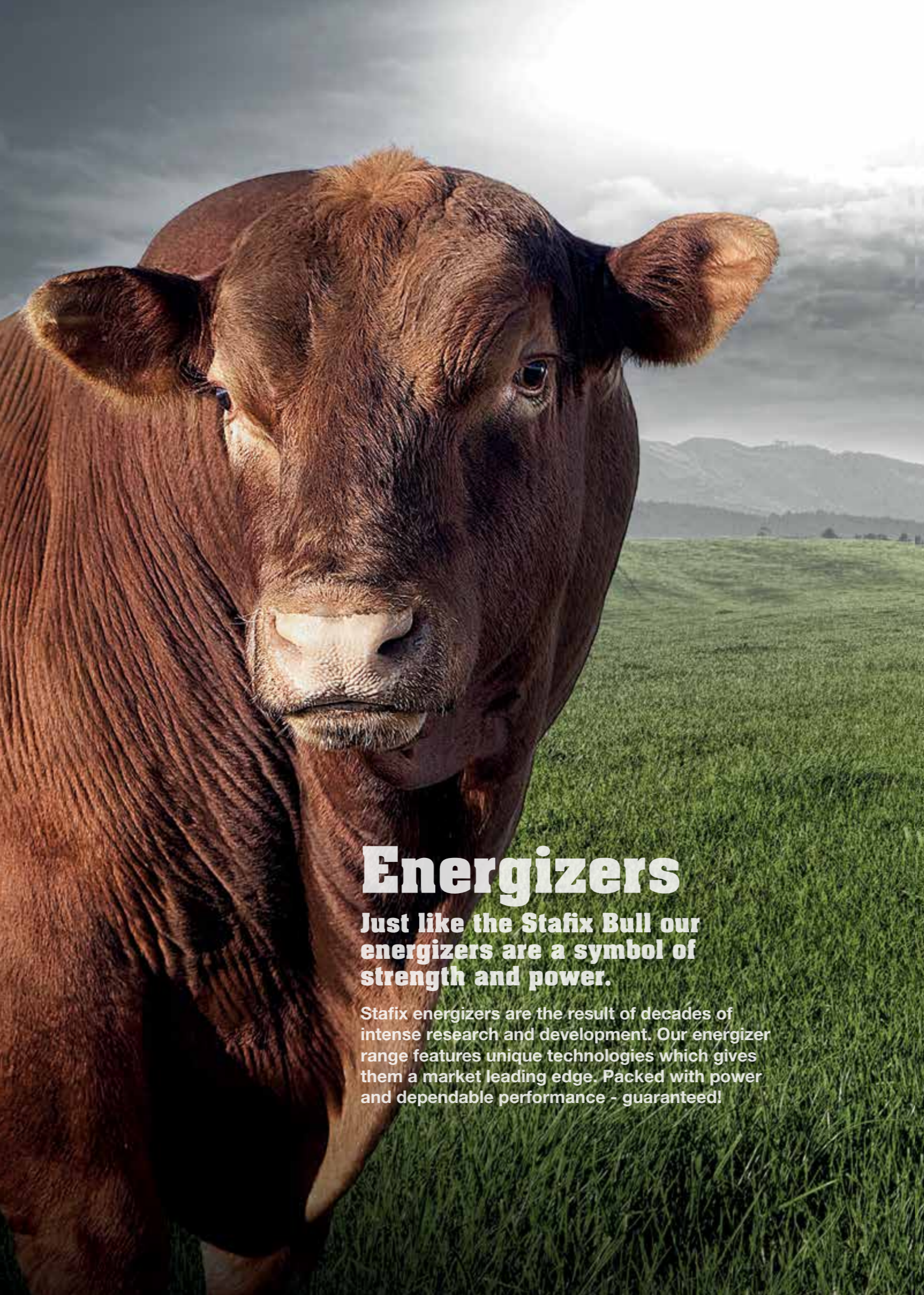
DATAMARS
Livestock™

A business division of Datamars, Datamars Livestock is a global leader in animal identification products, farm infrastructure products, animal performance and monitoring and animal health delivery products.

Datamars Livestock includes globally recognised brands Tru-Test, Speedrite, Stafix, Pel, Hayes, Z Tags, NJ Phillips and Simcro.

Choosing your Energizer

Stafix offers a range of energizers to suit the way you manage your farm.

MAINS RANGE

A mains powered energizer is the most cost-effective, reliable way to power a permanent electric fence. Unigizers are also compatible with mains power.

Powers 500 – 850 acres (360 – 630 km) of fence

UNIGIZER™ RANGE

A Unigizer is a flexible, all-in-one mains and battery energizer with solar compatibility. It is a versatile solution that works across permanent, semi-permanent and temporary fencing.

Powers 15 – 270 acres (10 – 180 km) of fence

SOLAR RANGE

Ideal for isolated areas where no mains power is available. Suitable for strip grazing, permanent, semi-permanent and temporary fencing. Our Solar Systems and Kits provide remote power for permanent installations. Our Portable Solar Energizers are an all-in-one solution with built-in solar panel and battery. The Unigizer range is also solar compatible.

Powers up to 10 km of fence

BATTERY RANGE

Convenient, portable and quick to set up, battery units are suitable for temporary, strip grazing and semi-permanent fencing. Unigizers™ are also compatible with battery power.

Powers up to 2 km of fence

Energizers

Just like the Stafix Bull our energizers are a symbol of strength and power.

Stafix energizers are the result of decades of intense research and development. Our energizer range features unique technologies which gives them a market leading edge. Packed with power and dependable performance - guaranteed!

Easy to follow packaging

Here's what to look for when you are in-store:

OUTPUT ENERGY (JOULES): Maximum amount of energy (joules) that can travel from the energizer to the fence line

STORED ENERGY (JOULES): Maximum amount of energy (joules) that is stored by the energizer

KM / MILES: The maximum length of fence the energizer will power

ACRES / HA: An approximate indication of the area that the energizer will electrify

Comparing Energizers

When evaluating energizers, be sure to compare them on the same basis. It is best to compare energizers by looking at the **Maximum Output Energy (joules).**

	What area/distance do you want the energizer to power?	How will you power your fence?	Recommended Energizer	Stored Energy (joules)	Maximum Output Energy (joules)
LARGE	Up to 1300 acres / 500 ha	Mains	86000W	128 J	86 J
	Up to 640 acres / 260 ha (460 km)	Mains	46000W	68 J	46 J
	Up to 420 acres / 170 ha	Mains	31000W	45 J	31 J
MEDIUM	Up to 270 acres / 110 ha (180 km)	Mains / Battery / Solar	X18i	24 J	18 J
	Up to 180 acres / 70 ha (120 km)	Mains / Battery / Solar	X12i	16 J	12 J
	Up to 90 acres / 30 ha (60 km)	Mains / Battery / Solar	X6i	9 J	6 J
SMALL	Up to 45 acres / 18 ha (30 km)	Mains / Battery / Solar	X3	4.5 J	3 J
	Up to 30 acres / 12 ha (20 km)	Mains / Battery / Solar	X2	2.7 J	2 J
	Up to 15 acres / 6 ha (10 km)	Mains / Battery / Solar	X1	1.4 J	1 J
	Up to 15 acres / 6 ha (10 km)	Solar	S1000	1.6 J	1.2 J
	Up to 8 acres / 3 ha (5 km)	Solar	S500	0.63 J	0.5 J
	3 acres / 1.2 ha (2 km)	Solar	S150	0.2 J	0.15 J
	Up to 1 km	Solar	S80	0.11 J	0.08 J
	Up to 2 km	Battery / Solar	AN90	0.16 J	0.12 J
	Up to 1 km	Battery	AN20	0.05 J	0.04 J

Mains Energizers

Stafix mains powered energizers are high performing, powerful units designed for extensive electric fence systems.

Comparing Mains

For mains powered Unigizer™ specifications see Comparing Unigizers table on pg 12.

	86000W	46000W	31000W
AREA/DISTANCE YOU WANT THE ENERGIZER TO POWER	1300 acres 500 ha	640 acres 260 ha 460 km	420 acres 170 ha
MAXIMUM OUTPUT ENERGY	86 J	46 J	31 J
MAXIMUM STORED ENERGY	128 J	68 J	45 J
NO LOAD VOLTAGE	10,000 V	9,500 V	9,500 V
MEDIUM LOAD VOLTAGE @ 500 Ω	10,000 V	9,300 V	9,500 V
HEAVY LOAD VOLTAGE @ 100 Ω	10,000 V	8,900 V	7,300 V
MINIMUM NUMBER OF EARTH RODS	12	9	8
INPUT VOLTAGE	120 - 240 V	100 - 240 V	100 - 240 V

Mains Energizer features:

CYCLIC WAVE™ TECHNOLOGY

Provides a cleaner, more powerful pulse, maximising the energy that travels down the fence for optimal stock control.

BI-POLAR TECHNOLOGY

Enables the user to power a fence system to perform exceptionally well in dry, low conductive soil. (86000W & 46000W)

REMOTE CAPABLE

Using a Stafix fence remote (with remote capable Stafix energizers) enables you to switch the energizer on or off from anywhere along the fence line. This makes it easy to manage repairs and maintenance.

INDICATOR LIGHTS (VOLTAGE)

Easy to read light bar display provides an instant measure of the energizer output voltage for quick fence diagnostics. The LED display shows red when heavily loaded.

DATAMARS LIVESTOCK: FARM MOBILE APP

Connect to your energizer and see the fence voltage in real-time, configure your energizer settings, and connect the energizer to your Wi-Fi network.

COMPACT, RUGGED DESIGN

Hi-tech components and advanced research and development have enabled us to make powerful energizers in a compact, rugged polymer case.

LARGE TERMINALS

Mounted on the front of the energizer casing for convenience, these large terminals are easily adjusted and accept up to two fence wires. The slotted terminals make inserting wires and getting a good connection easy.

Split bolt terminals available in some models.

LOW INTERFERENCE

Cyclic Wave™ technology delivers outstanding fence performance and helps to minimise electromagnetic interference in line with international EMC standards.

LOAD RESPONSE FEATURE

Controls energizer output to match conditions, providing maximum fence voltage for effective stock control.

3 YEAR WARRANTY

We stand behind the reliability of our products. Visit www.stafix.com for full warranty details.

DATAMARS Livestock™

Keep your fence performance close at hand

Monitor and control your mains energizer from your smartphone, with the Datamars Livestock: Farm App.

GET IT ON Google Play

Download on the App Store

DATAMARS Livestock
FARM APP FREE*

86000W

Powers up to 1300 acres / 500 ha of fence
86 J maximum output energy (128 J stored energy)

- Cyclic Wave technology
- Bi-polar technology
- Remote capable
- Indicator lights (voltage)
- Compact, rugged design
- Large terminals
- Low interference
- Half voltage terminal
- Best in class terminal design
- Datamars Livestock: Farm App*
- 3 year warranty.

86000W 880 0010-975

DATAMARS Livestock
FARM APP FREE*

46000W

Powers up to 640 acres / 260 ha (460 km) **of fence**
46 J maximum output energy (68 J stored energy)

- Cyclic Wave technology
- Bi-polar technology
- Remote capable
- Indicator lights (voltage)
- Compact, rugged design
- Large terminals
- Low interference
- Half voltage terminal
- Best in class terminal design
- Datamars Livestock: Farm App*
- 3 year warranty.

46000W 480 0002-029

DATAMARS Livestock
FARM APP FREE*

31000W

Powers up to 420 acres / 170 ha of fence
30 J maximum output energy (45 J stored energy)

- Cyclic Wave technology
- Remote capable
- Indicator lights (voltage)
- Compact, rugged design
- Large terminals
- Low interference
- Half voltage terminal
- Best in class terminal design
- Datamars Livestock: Farm App*
- 3 year warranty.

Product code: 880 0011-032

Use the Datamars Livestock Farm Mobile App to:

- Connect your smartphone to your energizer
- See fence voltage in real time
- Configure your energizer settings and
- Connect the energizer to your Wi-Fi network.

*Starter plan included free with Stafix Mains Energizer purchase

Unigizer™ features explained:

CYCLIC WAVE™ TECHNOLOGY

Provides a cleaner, more powerful pulse, maximising the energy that travels down the fence for optimal stock control.

BI-POLAR TECHNOLOGY

Enables the user to power a fence system to perform exceptionally well in dry, low conductive soil.

LOW ENERGY TERMINAL

Limits energy to below 1.5 J for use around buildings and houses.

SOLAR COMPATIBLE

Electrify your fence with solar power by connecting solar panels to any Stafix Unigizer™. The solar panels charge the battery connected to the Unigizer, for reliable livestock control.

REMOTE CAPABLE

Using a Stafix fence remote (with remote capable Stafix energizers) enables you to switch the energizer on or off from anywhere along the fence line. This makes it easy to manage repairs and maintenance.

LCD VOLTAGE DISPLAY

Displays output voltage, battery voltage and earth voltage. LCD is backlit for viewing in poor light conditions. On selected models only.

INDICATOR LIGHTS (VOLTAGE & BATTERY)

Easy to read light bar display provides an instant measure of the Unigizer output voltage and battery condition for quick fence diagnostics. The LED display shows red when heavily loaded.

BATTERY SAVER

Microprocessor technology automatically adjusts the output energy depending on the battery condition. This feature extends battery life and is particularly effective when used in solar installations.

DAY/NIGHT SENSOR

Automatically adjusts to contain or exclude animals based on day or night conditions.

LARGE TERMINALS

Mounted on the front of the energizer casing for convenience, these large terminals are easily adjusted and accept up to two fence wires. The slotted terminals make inserting wires and getting a good connection easy.

LOW INTERFERENCE

Cyclic Wave™ technology delivers outstanding fence performance and helps to minimise electromagnetic interference in line with international EMC standards.

EARTH MONITORING

Indicates earth system problems by monitoring the level of voltage around the earth system.

VERSATILE MOUNTING OPTIONS

Can be mounted on a wall, post or fence wire. Choose indoor or outdoor installation, depending on your fence location and power supply.

VERSATILE POWER OPTIONS

Can be used in mains, battery or solar power applications, providing convenient, versatile livestock control.

3 YEAR WARRANTY

We stand behind the reliability of our products. Visit **www.stafix.com** for full warranty details.

Unigizers™

Stafix Unigizers give you a versatile 3-in-1 solution to manage your electric fence system.

You have the flexibility to choose from either mains, battery or solar energy to power your electric fence.

The 3-in-1 capability allows the Unigizer to be used for temporary, semi-permanent, permanent and strip grazing fence systems. It's never been easier to create an electric fencing solution.

ENERGIZERS - UNIGIZERS™

Comparing Unigizers™

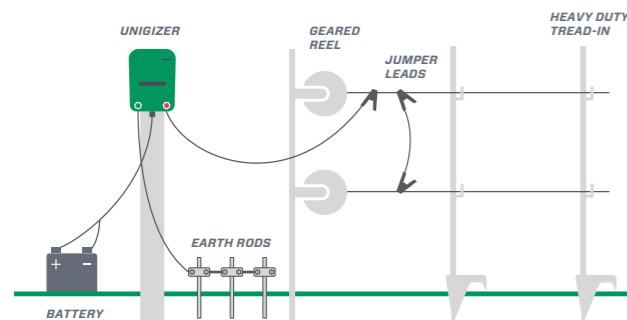|	X18i	X12i	X6i	X3	X2	X1
AREA/DISTANCE YOU WANT THE ENERGIZER TO POWER	270 acres 110 ha 180 km	180 acres 70 ha 120 km	90 acres 36 ha 60 km	45 acres 18 ha 30 km	30 acres 12 ha 20 km	15 acres 6 ha 10 km
MAXIMUM OUTPUT ENERGY	18.0 J	12.0 J	6.0 J	3.0 J	2.0 J	1.0 J
MAXIMUM STORED ENERGY	24.0 J	16.0 J	9.0 J	4.5 J	2.7 J	1.4 J
NO LOAD VOLTAGE	9,900 V	9,100 V	9,500 V	11,400 V	11,000 V	9,800 V
MEDIUM LOAD VOLTAGE @ 500 Ω	7,700 V	7,700 V	6,700 V	6,200 V	5,900 V	5,300 V
MINIMUM NUMBER OF EARTH RODS	6	6	4	3	3	2
INPUT VOLTAGE	12 V / 100 - 240 V	12 V / 100 - 240 V	12 V / 100 - 240 V	12 V / 100 - 240 V	12 V / 100 - 240 V	12 V / 100 - 240 V

NOTE: Area recommendations are a guide only and in multiple wire terms. Performance will be affected by the condition of your fence. For installation instructions visit www.stafix.com/resources.
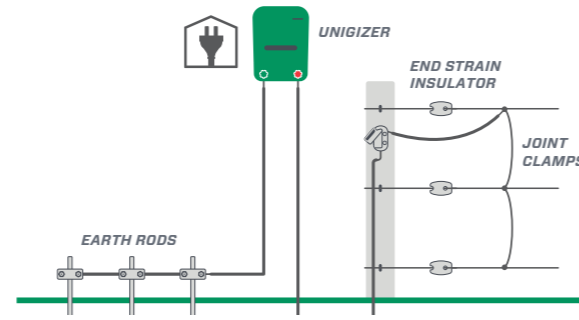
Unigizer Mounting Examples

Sample diagrams showing Unigizer and earth system. The number of earth rods will vary, depending on the Unigizer and soil conditions.
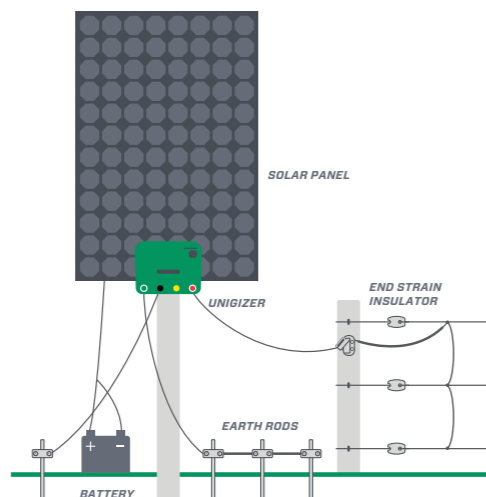
OUTDOORS WITH 12 V BATTERY

UNIGIZER
GEARED REEL
JUMPER LEADS
HEAVY DUTY TREAD-IN
EARTH RODS
BATTERY

INDOOR DRY LOCATIONS WITH MAINS POWER ADAPTOR

UNIGIZER
END STRAIN INSULATOR
JOINT CLAMPS
EARTH RODS

OUTDOORS WITH 12 V BATTERY AND UNIGIZER SOLAR KIT

SOLAR PANEL
UNIGIZER
END STRAIN INSULATOR
EARTH RODS
BATTERY

X18i

Powers up to 270 acres / 110 ha (180 km) of fence
18 J maximum output energy (24 J stored energy)

- Cyclic Wave™ technology
- Low energy terminal
- Solar compatible (remote sold separately 880 0000-509)
- LCD voltage display
- Indicator lights (voltage and battery)
- Battery saver
- Day/Night sensor – pulse speed
- Large terminals
- Low interference
- Earth monitoring
- Versatile mounting and power options
- Adjustable output power and pulse speeds
- 3 year warranty.
- Includes battery lead and mains power adaptor.

880 0000-332**

X12i

Powers up to 180 acres / 70 ha (120 km) of fence
12 J maximum output energy (16 J stored energy)

- Cyclic Wave technology
- Bi-polar technology
- Solar compatible
- Remote capable (remote sold separately 880 0000-509)
- LCD voltage display
- Indicator lights (voltage and battery)
- Battery saver
- Day/Night sensor – pulse speed
- Large terminals
- Low Interference
- Earth monitoring
- Versatile mounting and power options
- Half voltage terminal
- Adjustable output power and pulse speeds
- 3 year warranty.
- Includes battery lead and mains power adaptor.

880 0000-640**

X6i

Powers up to 90 acres / 36 ha (60 km) of fence
6 J maximum output energy (9 J stored energy)

- Cyclic Wave technology
- Bi-polar technology
- Solar compatible
- Remote capable (remote sold separately 880 0000-509)
- LCD voltage display
- Indicator lights (voltage and battery)
- Battery saver
- Day/Night sensor – pulse speed
- Large terminals
- Low Interference
- Earth monitoring
- Versatile mounting and power options
- Half voltage terminal
- Adjustable output power and pulse speeds
- 3 year warranty.
- Includes battery lead and mains power adaptor.

880 0000-812**

X3

Powers up to 45 acres / 18 ha (30 km) of fence
3 J maximum output energy (4.5 J stored energy)

- Solar compatible
- Indicator lights (voltage and battery)
- Day/Night sensor – pulse speed
- Large terminals
- Versatile mounting and power options
- Adjustable output power and pulse speeds
- 3 year warranty.
- Includes battery lead and mains power adaptor.

880 0000-299**

** Product may differ in colour to product in image

X2

Powers up to 30 acres / 12 ha (20 km) of fence
2 J maximum output energy (2.7 J stored energy)

Solar compatible

Indicator lights
(voltage and battery)

Day/Night sensor
– pulse speed

Large terminals

Versatile mounting
and power options

Adjustable output power
and pulse speeds

3 year warranty.

Includes battery lead and
mains power adaptor.

880 0000-737**

X1

Powers up to 15 acres / 6 ha (10 km) of fence
1 J maximum output energy (1.4 J stored energy)

Solar compatible

Indicator lights
(voltage and battery)

Day/Night sensor
– pulse speed

Large terminals

Versatile mounting
and power options

Adjustable output power
and pulse speeds

3 year warranty.

Includes battery lead and
mains power adaptor.

880 0000-773**

** Product may differ in colour to product in image

Solar Systems & Kits

We offer a range of solar systems and kits for solar compatible energizers.

Unigizer™ Solar System features explained:

AUTOMATIC RUN TIME EXTENSION

Unigizers automatically adjust pulse speed when battery power level falls to a set level. This feature helps extend battery life particularly during long periods of bad weather.

MANUAL RUN TIME EXTENSION OPTIONS

Slow pulse speed, low power or slow at night modes are available to conserve battery power if needed during very long periods of bad weather.

BATTERY CHECK MODE

Easy to read light bar display provides an instant measure of the Unigizer output voltage and battery condition for quick fence diagnostics. The LED display shows red when heavily loaded.

CUSTOMISED SOLAR PANEL AND BATTERIES

Designed to handle the specific performance requirements of the solar system. This ensures the system keeps running in the worst winter conditions, providing reliable livestock control.

INTELLIGENT POWER REGULATOR

Designed to get the most out of the solar panel and minimise the loss of energy. It ensures energy obtained from the solar panel is maximised and efficiently distributed, delivering up to 30% more power to the batteries.

EASY SET UP AND INSTALLATION

Comprehensive and clear installation instructions are included, along with all the hardware required to mount solar panels and make electrical connections.

ROBUST DESIGN

Mounting brackets, electrical enclosures and connections are all designed to withstand the harsh environment.

Unigizer™ Solar Systems

Unigizer Solar Systems include everything you need to be up and running in a matter of hours, and if you need help, please contact your local rep.

What is a Unigizer Solar System?

UNIGIZER™ + BATTERY + SOLAR PANEL + INSTALLATION COMPONENTS

In a solar system installation your Unigizer is powered by a battery which is charged by the solar panel during the day.

Based on average sunlight hours in your region and the output of our Unigizers, your local retailer/distributor will identify the appropriate system for your needs.

SOLAR PANEL
UNIGIZER
END STRAIN INSULATOR
EARTH RODS
BATTERY
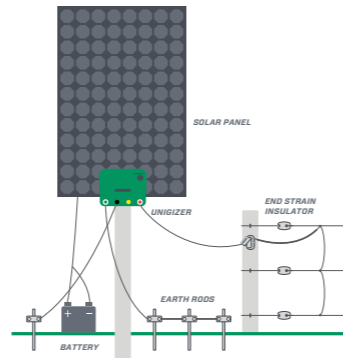
EASY

Our solar systems are easy to understand, easy to select and easy to install and operate.

We've done the work so you don't have to.

RELIABLE

Our solar systems have been designed to ensure the fence stays running in harsh winter conditions – **when you need it most.**

AFFORDABLE

Our solar systems are an affordable alternative to mains installations, providing the **flexibility** to power remote "off grid" sites and the **security** of having multiple Unigizers powering the farm.

Each solar system includes Unigizer, solar panel, voltage regulator, mounting bracket and hardware, heavy duty battery, battery box, connectors and full instructions (earth rods not included).

- Durable, high performance solar panels with an aluminium frame and maximum power point tracking regulator for up to 30% more power
- Excellent return on investment with long life solar panel
- Batteries supplied are 6 V or 12 V sealed maintenance free batteries, designed to handle the specific performance requirements of a solar system
- Solar panel mounting assembly is designed to be easily mounted onto a wooden fence post. With easy adjustments for pointing north (compass included) and adjustable panel tilt to maximise solar gain
- Electrical connections are waterproof, quick fit and clearly labelled. Battery connections are bolt and quick connect terminals for easy, secure connection. Spare mounting hardware (nuts and bolts) are included (in case you drop one!)

Solar Kits

If you already own a Unigizer, Solar Kits can be purchased separately to allow for repairs or upgrades to existing installations.

Our Solar Kits contain all components required for your region, including: solar panel(s), regulator, batteries and mounting bracket. Unigizers sold separately.

Unigizer™ Solar System Selection Guide
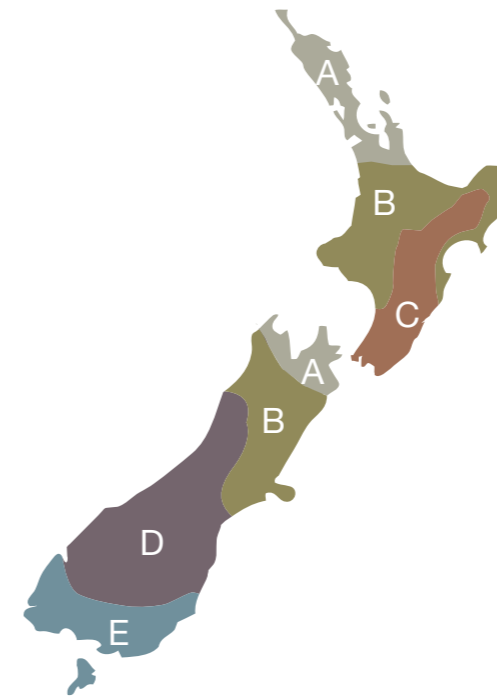
KIT COMPONENTS AND MOUNTING HARDWARE MAY VARY

WHAT IS YOUR FENCING DISTANCE?

WHERE IS YOUR PROPERTY?	20 km 12 acres (30 ha)	30 km 20 acres (50 ha)	60 km 90 acres (30 ha)	120 km 180 acres (70 ha)	180 km 270 acres (110 ha)
AREA A					
AREA B					Solar system 418 with Energizer, 190 W Panel, 200 W Reg & 450 Ah battery **880 0009-480**
AREA C	S2000 Portable Solar Energizer, 28W Panel & 14Ah battery **880 0004-851**	S3500 Portable Solar Energizer, 39W Panel & 24Ah battery **880 0004-853**	Solar system 406i with Energizer, 135 W Panel, 100 W Reg & 144 Ah battery **880 0010-673**	Solar system 412i with Energizer, 190 W Panel, 200 W Reg & 225 Ah battery **880 0010-675**	
AREA D					Solar system 418 with Energizer, 270 W Panel, 400 W Reg & 450 Ah battery **880 0009-479**
AREA E					
Minimum number of Earth Rods	3	3	4	6	6

Unigizer Solar Systems will be supplied with a PEL Unigizer.

Portable Solar Energizers

Stafix portable solar energizers incorporate an internal battery and are perfect for strip grazing or powering a small area. These self contained energizers feature an integrated solar panel and a sophisticated battery management system in a rugged carry case.

Portable Solar Energizer features explained

3 YEAR WARRANTY

We stand behind the reliability of our products. Visit stafix.com for full warranty details.

STEEL AND WOOD POST MOUNTING OPTIONS

High impact enclosure is designed to securely mount on Y-posts and wood posts.

REQUIRES MINIMAL SUNLIGHT

Energizer requires minimal sunlight hours to keep battery at, or near, full charge. They can last all year without needing to manually charge.

RECHARGEABLE INTERNAL BATTERY

Rechargeable internal sealed 6 V or 12 V battery included. Maximum battery life is 3+ years.

EASY BATTERY ACCESS WHEN MOUNTED ON POST

BATTERY RECHARGE

Energizer intelligently manages battery recharging during fine weather.

HIGH OUTPUT VOLTAGE

9,500 V output.

RUGGED DESIGN

UV resistant case provides maximum weather protection for extreme environments.

BATTERY SAVER

Microprocessor technology automatically adjusts the output energy depending on the battery condition. This feature is designed to extend battery life.

INDICATOR LIGHT

Easy to read light bar display provides an instant measure of the energizer output voltage for quick fence diagnostics. The LED display shows red when heavily loaded.

* Excludes battery. Batteries fitted inside energizers have a 90 day warranty.

Power available
anytime, anywhere

- ☑ **VOLTAGE & BATTERY INDICATORS**
- ☑ **ENVIRONMENTALLY FRIENDLY**
- ☑ **FOUR OPERATING MODES**
- ☑ **RUGGED DESIGN**

STAFIX IS HARNESSING SOLAR ENERGY to deliver power where you need it. Introducing the S2000 and S3500, featuring our trusted solar energizer design, now in 2 J and 3.5 J options. These portable, integrated solar energizers are built for easy installation and maximum efficiency.

WORKS WITH TEMPORARY FENCING TOO
(WIRING INCLUDED)

VISIT STAFIX.COM

PORTABLE SOLAR ENERGIZERS

S3500

NEW

Powers up to 30 km / 20 hectares of fence 3.5 J maximum output energy (4.6 J stored energy)
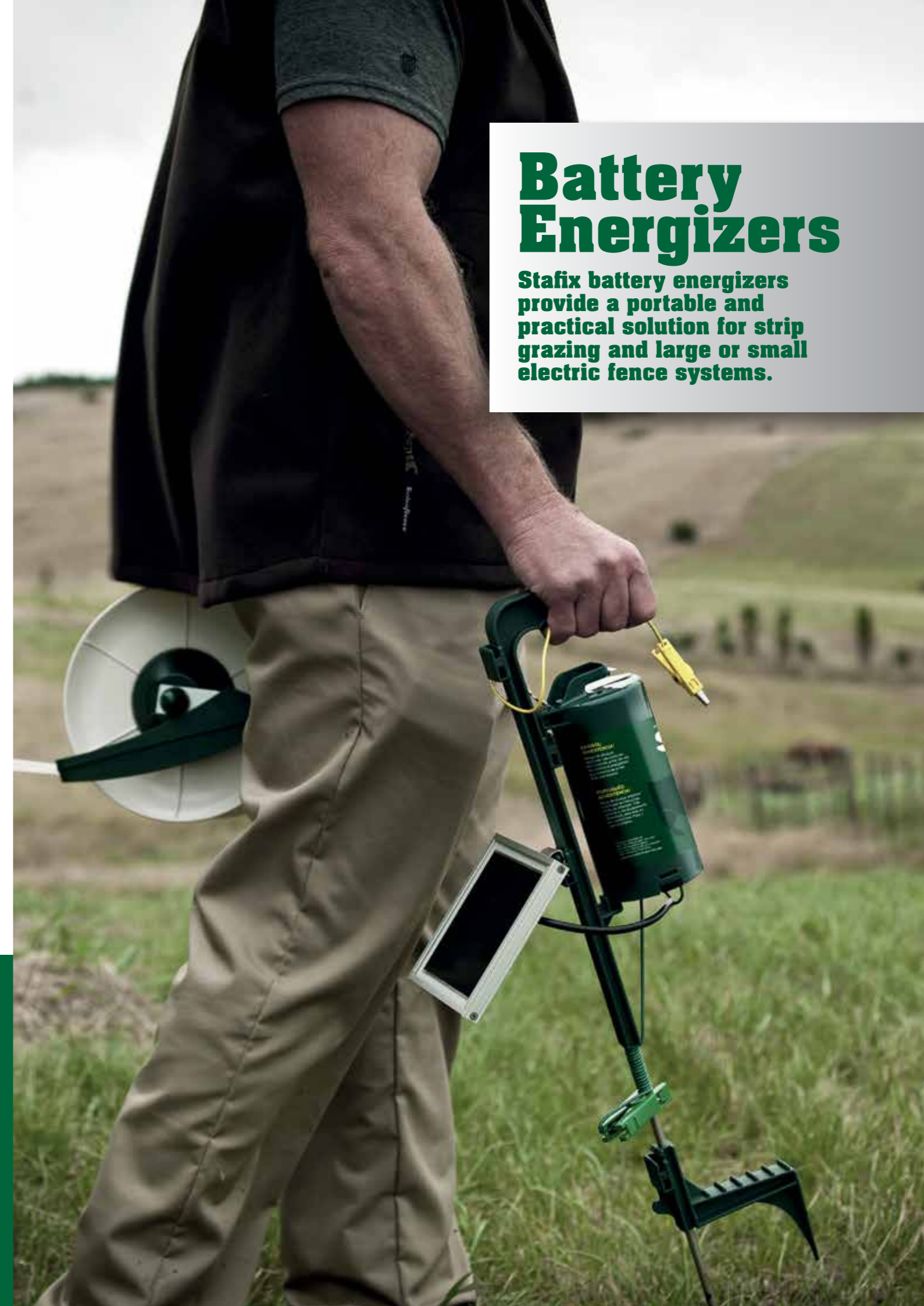
Product code: 880 0004-853

S2000

NEW

Powers up to 20 km / 12 hectares of fence 2.0 J maximum output energy (2.6 J stored energy)

Product code: : 880 0004-851

- ✓ **PLUG AND PLAY DESIGN FOR EASY USE**
- ✓ **EASY TO INSTALL ON STEEL OR WOOD POSTS**
- ✓ **PORTABLE FOR TEMPORARY, SEMIPERMANENT, AND PERMANENT INSTALLATIONS**
- ✓ **INTEGRATED SOLAR PANEL AND BATTERY**
- ✓ **FULL OR HALF POWER MODES FOR USE IN ANY CONDITION**
- ✓ **DAY OR NIGHT MODE FOR TO CLEARLY SHOW BATTERY CHARGE**
- ✓ **POWERS FENCE ALL YEAR ROUND WITHOUT INTERVENTION**
- ✓ **ROBUST OUTPUT TERMINALS**
- ✓ **RUGGED, WEATHERPROOF DESIGN**
- ✓ **SUSTAINABLY PACKAGED**
- ✓ **3 YEAR WARRANTY**

BUILT FOR
EVERY FARM

Four power modes offer options for any scenario: full power for traditional use; half power for clean, well-maintained fences and trained stock for consistent output in all weather; night mode for nocturnal wildlife or use in public spaces; or day mode for power conservation at night

S1000

Powers up to 10 km of fence
1.0 J maximum output energy (1.30 J stored energy)

- Requires minimal sunlight
- Indicator light (pulse)
- Rugged design
- High output voltage
- Rechargeable internal battery
- Steel and wood post mounting options
- On/Off switch
- 3 year warranty
- Comes with built-in solar panel and 12 V 7 amp hour battery

880 0002-627
(880 0000-490 Replacement 12 V Battery)

S500

Powers up to 5 km of fence
0.50 J maximum output energy (0.65 J stored energy)

- Requires minimal sunlight
- Indicator light (pulse)
- Battery saver
- Rugged design
- High output voltage
- Rechargeable internal battery
- Steel and wood post mounting options
- On/Off switch
- 3 year warranty
- Comes with built-in solar panel and 12 V 7 amp hour battery

880 0002-624
(880 0000-490 Replacement 12 V Battery)

S150

Powers up to 2 km of fence
0.15 J maximum output energy (0.21 J stored energy)

- Requires minimal sunlight
- Indicator light (pulse)
- Battery saver
- Rugged design
- High output voltage
- Rechargeable internal battery
- Steel and wood post mounting options
- On/Off switch
- 3 year warranty
- Comes with built-in solar panel and 6 V 4 amp hour battery

880 0002-606
(880 0000-206 Replacement 6 V Battery)

S80

Powers up to 1 km of fence
0.08 J maximum output energy (0.11 J stored energy)

- Requires minimal sunlight
- Indicator light (pulse)
- Battery saver
- Rugged design
- High output voltage
- Rechargeable internal battery
- Steel and wood post mounting options
- On/Off switch
- 3 year warranty
- Comes with built-in solar panel and 6 V 4 amp hour battery

880 0002-609
(880 0000-206 Replacement 6 V Battery)

Battery Energizers

Stafix battery energizers provide a portable and practical solution for strip grazing and large or small electric fence systems.

Comparing Portable Solar Energizers

	S3500	S2000	S1000	S500	S150	S80
AREA/DISTANCE*	30 km 50 acres	20 km 30 acres	10 km 15 acres	5 km 8 acres	2 km 3 acres	1 km
MAXIMUM OUTPUT ENERGY	3.5	2.0 J	1.00 J	0.50 J	0.15 J	0.08 J
MAXIMUM STORED ENERGY	4.6	2.6 J	1.30 J	0.65 J	0.21 J	0.11 J
NO LOAD VOLTAGE	10,100 V	10,500 V	9,600 V	9,800 V	9,300 V	7,300 V
LIGHT LOAD VOLTAGE AT 2000 Ω	9,200 V	9,000 V	7,100 V	6,200 V	4,100 V	3,200 V
STANDARD LOAD VOLTAGE AT 1000 Ω	8000 v	7700 v	5,600 V	4,500 V	2,600 V	2,100 V
MINIMUM NUMBER OF EARTH RODS	3	3	1	1	1	1
INPUT VOLTAGE	12 V internal battery			6 V internal battery		

Portable Battery Energizer features explained:

FAST AND SLOW OPTIONS

Adjustable pulse settings allows energizer to be set to slow or fast mode to extend battery life.

DAY/NIGHT SENSOR

Automatically adjusts pulse speed to contain or exclude animals based on day or night conditions. The energizer can be set to automatically send out fast pulse speed during the day for livestock control and slow at night to manage diurnal animals.

BATTERY SAVER

Microprocessor technology automatically adjusts the output energy depending on the battery condition, extending battery life.

SIMPLE SET UP

Clips directly to fence wire for convenient, fast set up.

DUAL POWER SUPPLY OPTIONS

Can be powered by internal or external batteries for greater flexibility.

3 STAGE LIGHT BAR

Easy to read light bar provides a quick indication of output voltage and battery power level (when set to battery check mode).

DURABLE WEATHER AND UV RESISTANT CASE

UV resistant case provides maximum weather protection for extreme environments.

3 YEAR WARRANTY

We stand behind the reliability of our products. Visit www.stafix.com for full warranty details.

Comparing Battery Energizers

For battery powered Unigizer™ specifications see Comparing Unigizers™ table on pg 12.

	STRIP GRAZING ENERGIZERS	
	AN90	AN20
AREA/DISTANCE YOU WANT THE ENERGIZER TO POWER	2 km	1 km
MAXIMUM OUTPUT ENERGY	0.12 J	0.04 J
MAXIMUM STORED ENERGY	0.16 J	0.05 J
NO LOAD VOLTAGE	8,000 V	5,800 V
LIGHT LOAD VOLTAGE @ 2,000 Ω	4,500 V	2,800 V
MINIMUM NUMBER OF EARTH RODS	1	1
BATTERY TYPE (SOLD SEPARATELY)	4 x D batteries or 12 V or 6 V external battery	2 x D batteries

NOTE: Area recommendations are a guide only and in multiple wire terms. Performance will be affected by the condition of your fence. For installation instructions visit www.stafix.com/resources.

Portable Battery Energizer Mounting Example

PERMANENT FENCE

PORTABLE BATTERY ENERGIZER

INSUL HOOK

REEL

PIGTAIL STANDARDS

AN90 WITH STAND
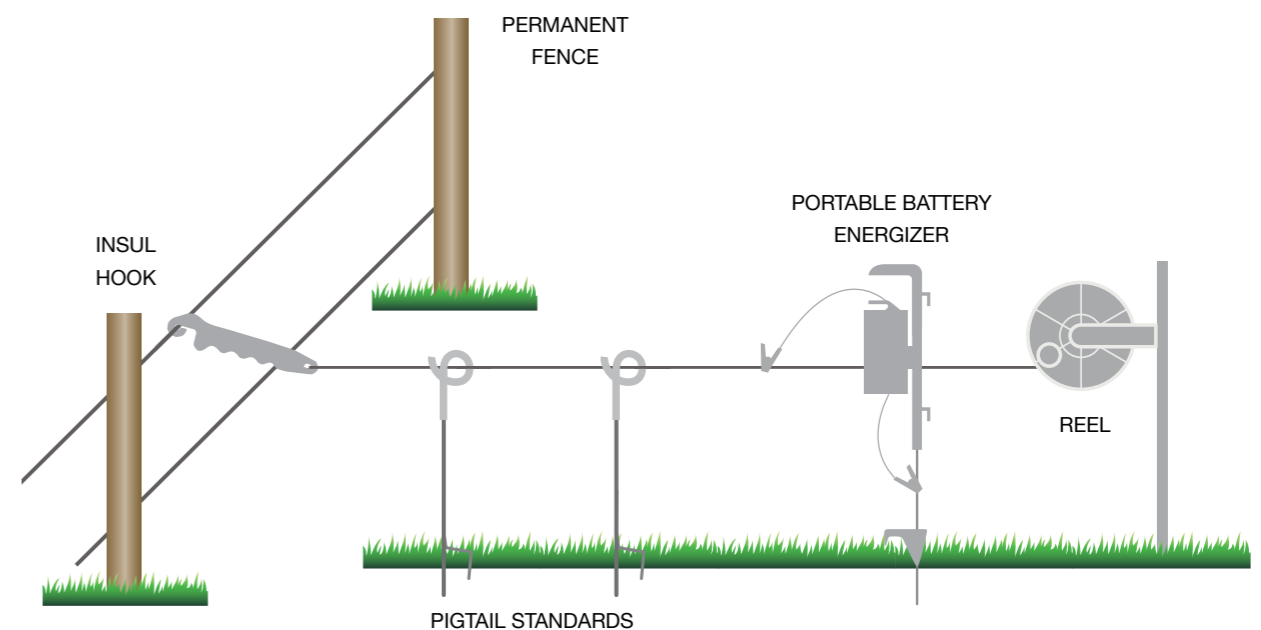
AN90
POWERFUL AND VERSATILE STRIP GRAZING UNIT

Powers up to 2 km of fence
0.12 J maximum output energy (0.16 J stored energy)

Simple set up   Also available with stand.
On/Off switch
Fast and slow options
Optional tread-in stand
Flashing LED
2 year warranty.

880 0000-977 AN90
880 0000-964 AN90 with stand

AN90 WITH SOLAR
EXTENDS THE LIFE OF YOUR BATTERIES*

Powers up to 2 km of fence
0.12 J maximum output energy (0.16 J stored energy)

Simple set up   * Energizer is powered by
On/Off switch   solar panel during the day and
Fast and slow options   by batteries overnight.
Optional tread-in stand
Flashing LED   ** Solar panel cannot be used
2 year warranty.   when using 12 V external
                                 battery to power the AN90.
Includes 1 W solar panel.**

880 0001-289

AN20

Powers up to 1 km of fence
0.04 J maximum output energy (0.05 J stored energy)

Simple set up
On/Off switch
Battery saver
Intelligent battery management to extend battery life
2 year warranty.

880 0000-469

Management Tools

To get the maximum performance from an energizer you need to be able to measure and monitor your fence system effectively.

No matter how good an energizer is, if the fence line is badly insulated, has shorts or is poorly earthed, it will perform well below its optimum. Advances in remote and fault-finding technology mean you can quickly locate and fix faults on your fence with a minimum of fuss.

Fault finding explained

How to use

Start near the energizer's lead-out wires with your Stafix Remote with Fault Finder or your Stafix Fault Finder. Move down the fence line following the arrow away from the energizer. Take readings at regular intervals and at any junction point.

DIRECTION OF CURRENT

FAULT

6.5 kV
36 A
CURRENT READING   VOLTAGE READING

4.0 kV
6 A
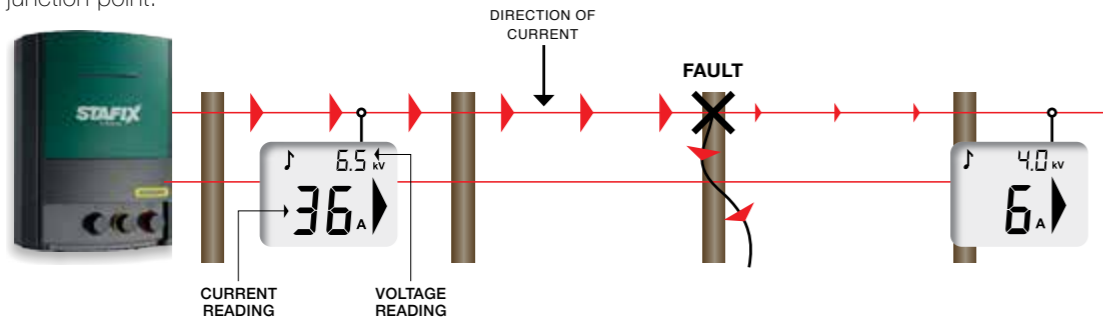
The previous current reading is shown briefly in the top right corner of the screen so that you can compare readings. If the current reading suddenly falls, you have gone past a fault. Retrace your steps to find the fault. Note that after a few seconds the previous current reading will be replaced with the present voltage reading (kV).

Remote with Fault Finder

- Quickly and easily locates faults along the fence line
- Large back-lit display
- Displays current, voltage and current direction simultaneously
- Displays previous current reading to compare values
- Audible current indicator
- Convenient belt clip
- Insulated, rugged, water resistant case
- Replaceable 9 V battery
- Low battery warning system
- Automatic energizer polarity detection
- Fault finding option can be used with all energizers
- Turns compatible Stafix energizer on or off from anywhere along the fence line
- 1 year warranty.*

880 0000-509** EA

Fault Finder

- Quickly and easily locates faults along the fence line
- Large back-lit display
- Displays current, voltage and current direction simultaneously
- Displays previous current reading to compare values
- Audible current indicator
- Convenient belt clip
- Insulated, rugged, water resistant case
- Replaceable 9 V battery
- Low battery warning system
- Automatic energizer polarity detection
- Can be used with all energizers
- 1 year warranty.*

You Tube Watch our how-to video online
www.youtube.com/StafixFence

880 0000-340** EA

* Excludes battery. Batteries fitted inside management tools have a 90 day warranty.

** Product may differ in colour to product in image

OTHER TOOLS

Digital Voltmeter

- Enables accurate testing of fence and energizer earth system
- Earth probe provides accurate fence to ground voltage measurements
- Readings from 200 V to 9,900 V in 100 V increments
- Rugged design
- Automatic On/Off
- Replaceable 9 V battery with a life of up to 18 months
- 1 year warranty.*

880 0000-268 EA

6 Light Tester

- Handy, pocket-sized unit for testing general fence condition
- Shows if fence is live and measures approximate voltage
- Easy to read voltage markings
- Readings from 1,000 V to 10,000 V
- No battery required
- 1 year warranty*

880 0001-626 EA

Fence Alert™

- Warning light begins flashing when voltage is too low
- Visible up to 1.5 km away
- Rugged impact and water resistant case
- Can be used on any type of electric fence including steel wire and portable poli products
- Works with all energizers
- No ground wires or external power sources required
- Battery life 5 years on standby or up to 2 weeks of continuous flashing
- Two preset voltage triggers can be selected
- Replaceable CR2032 lithium button cell battery
- 1 year warranty.*

880 0000-934 EA

MANAGEMENT TOOLS

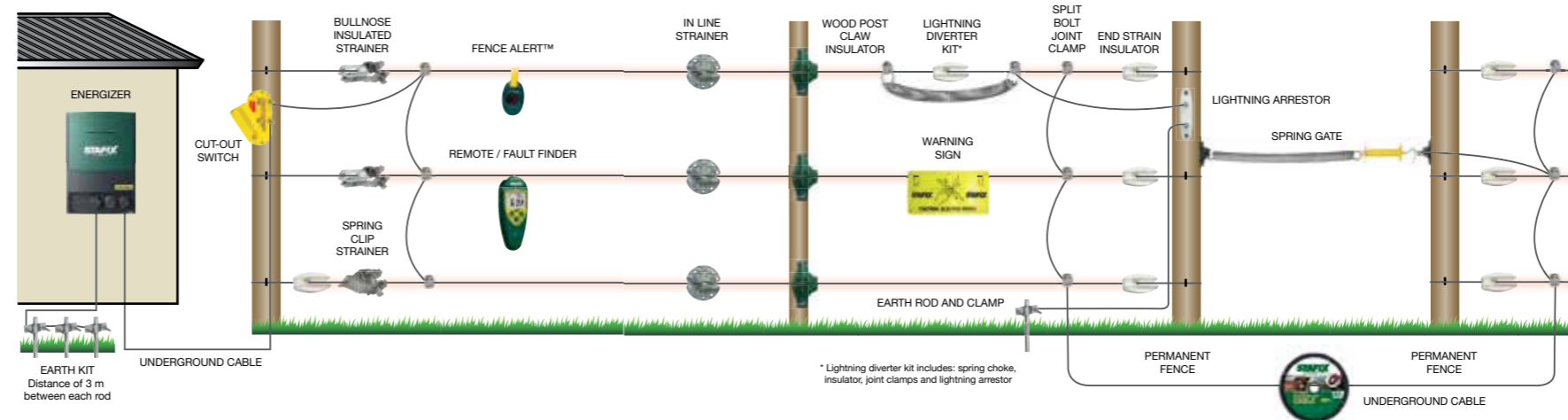* Excludes battery. Batteries fitted inside management tools have a 90 day warranty.

Permanent Electric Fencing

A flexible, durable and economical fencing solution. Easy to install and operate with less maintenance.

It is also a safer fencing solution for your stock. Animal contact with the fence is reduced and it's less likely to injure should a fence be breached.

Permanent Electric Fence System

These products are recommended to ensure top performance of your permanent electric fence system. Diagram is an example only. For more details on permanent electric fencing design visit www.stafix.com/resources.

ENERGIZER

CUT-OUT SWITCH

BULLNOSE INSULATED STRAINER

FENCE ALERT™

REMOTE / FAULT FINDER

SPRING CLIP STRAINER

EARTH KIT
Distance of 3 m between each rod

UNDERGROUND CABLE

IN LINE STRAINER

WOOD POST CLAW INSULATOR

LIGHTNING DIVERTER KIT*

SPLIT BOLT JOINT CLAMP

END STRAIN INSULATOR

LIGHTNING ARRESTOR

SPRING GATE

WARNING SIGN

EARTH ROD AND CLAMP

* Lightning diverter kit includes: spring choke, insulator, joint clamps and lightning arrestor

PERMANENT FENCE

PERMANENT FENCE

UNDERGROUND CABLE

CHECKLIST

Do you have:

- ☐ Mains or Unigizer™
- ☐ Earth kit
- ☐ Cut-out switches
- ☐ Fence alert(s)
- ☐ Remote/Fault Finder
- ☐ Wire strainers
- ☐ Post insulators
- ☐ Lightning diverter kit*
- ☐ Warning sign(s)
- ☐ Joint clamps
- ☐ End strain insulators
- ☐ Underground cable
- ☐ Gate hardware

Insulators

**Stafix insulators are reliable, strong and UV stabilised for long life.
All Stafix insulators come with a 10 year warranty.**

WOOD POST INSULATORS

WOOD POST CLAW INSULATOR

- Rugged claw design
- UV stabilised for long life
- Unique staple guides
- Twin spark guards prevent arcing and increased distance from wire to post reduces risk of leakage
- Suitable for up to 4 mm (8 ga) wire, poliwire or braid.

880 0000-257 PK 25
880 0000-949 PK 125
880 0001-668 PK 200
880 0001-191 Black CT 6,000

WOOD POST PINLOCK INSULATOR

- Rugged pinlock design
- UV stabilised for long life
- Unique staple guides
- Twin spark guards prevent arcing and increased distance from wire to post reduces risk of leakage
- Suitable for up to 4 mm (8 ga) wire, poliwire or braid
- High strength pinlock, conveniently allows easy removal of wires.

880 0000-507 PK 25
880 0000-274 PK 125
880 0002-390 CT 200

WOOD POST HI-STRAIN INSULATOR

- High strength insulator designed for high and low points of hill country fences
- UV stabilised for long life.

Includes 2 x 75 mm twisted galvanised nails.

880 0001-186 PK 25
880 0002-149 CT 500 (No nails)

STEEL POST INSULATORS

WOOD POST STAPLE ON INSULATOR

- Ideal for smaller farms
- UV stabilised for long life
- Single piece moulding for easy application
- Suitable for up to 2.5 mm (12.5 ga) wire.

Includes diamond point staple.

880 0000-729 PK 50
380 0000-365 CT 200

WOOD POST NAIL ON INSULATOR

- Ideal for smaller farms
- UV stabilised for long life
- Easy to install.

Includes 75 mm twisted galvanised nail.

880 0000-318 PK 75
880 0002-149 CT 500 (No nails)

Y-POST PINLOCK INSULATOR

- Rugged self locking, tapered pins for easy removal of wires
- UV stabilised for long life
- Suitable for most sizes of fence wire
- Spark guard prevents arcing and increased distance from wire to post reduces risk of leakage.

880 0000-407 PK 25
880 0000-667 PK 125

END STRAIN INSULATORS

UNIVERSAL Y-POST PINLOCK INSULATOR

- Suitable for use with most steel posts including JIO Star, JIO MaxY and standard Y-posts
- Ergonomic twin-pin design for fast and easy attachment
- Pinlock design allows for easy wire removal if required
- Suitable for use with most fence wires including sighter wire, up to 8 mm
- UV stabilised for long life
- Increased size provides superior strength and twin spark guards prevent arcing.

880 0000-485 PK 25
880 0000-486 PK 125

END STRAIN INSULATOR WHITE (HEAVY DUTY)

- Reinforced glass filled polymer for maximum strength
- Suitable for high strain use
- Superior UV stabilisation for long life
- Deep grooves hold wire in place and prevent twisting
- Long leakage path prevents arcing
- Use with most sizes of fence wire.

880 0000-714 PK 25

END STRAIN INSULATOR GREEN

- Suitable for medium strain use
- UV stabilised for long life
- Deep grooves hold wire in place and prevent twisting
- Long leakage path prevents arcing
- Use with most sizes of fence wire.

880 0001-040 PK 25

OTHER INSULATORS

END STRAIN INSULATOR PORCELAIN

- Suitable for high strain use
- High quality long life porcelain
- Deep grooves hold wire in place and prevent twisting under tension
- White glaze finish.

880 0000-956 PK 10

CONCRETE POST INSULATOR

- Suitable for up to 4 mm (8 ga) wire, poliwire or braid
- UV stabilised for long life
- Spark guards prevent arcing and increased distance from wire to post reduces risk of leakage.

Includes galvanised steel pin.

880 0002-296 PK 25

MULTI-FIT ROD POST INSULATOR

- Suitable for up to 4 mm (8 ga) wire or up to 7 mm rope, braid and poliwire
- Back end slot with anti slip-out hooks holds tape up to 12 mm
- UV stabilised for long life
- Flexible design and heavy duty screw nut for a secure fit
- Spark guards prevent arcing and increased distance from wire to post reduces risk of leakage
- Fits rod posts 6 mm to 16 mm in diameter.

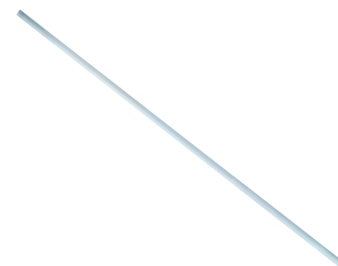880 0000-074 PK 25

INSULATORS

INSULTUBE

INSULTUBE

- Economical insulator fastened with staples (staples not included)
- Available pre-cut for convenience.

880 0001-981 4/9 mm x 100 mm PK 50
880 0001-185 4/9 mm x 12 m Coil
880 0000-359 6/12 mm x 12 m Coil

Semi-Permanent Posts

All Stafix semi-permanent posts and accessories come with a 1 year warranty.

FIBREGLASS POST

FIBREGLASS POST

- UV stabilised, silicone bonded fibreglass rods
- Available in a range of sizes.

880 0002-199 10 mm x 1.2 m PK 10
880 0001-192 10 mm x 1.5 m PK 10
880 0002-396 10 mm x 2.0 m PK 10
880 0001-966 13 mm x 1.2 m PK 10
880 0000-072 13 mm x 1.5 m PK 10
880 0000-104 13 mm x 2.0 m PK 10

POST ACCESSORIES

DRIVE CAP

- Use with 10 mm and 13 mm fibreglass posts.

880 0000-692 PK 1

EZI CLIP

TEMPORARY CLIP

FIBREGLASS POST CLIPS

- Use with 10 or 13 mm fibreglass posts.

880 0000-555 10 mm Temp Clip PK 50
880 0000-252 10 mm Ezi Clip PK 50
880 0001-858 13 mm Ezi Clip PK 50

Strainers

All Stafix strainers come with a 1 year warranty.

UNINSULATED STRAINER

SPRING CLIP STRAINER

- Suitable for high strain use
- Spring clip design for easy tensioning
- Rust resistant
- Galvanised frame with aluminium spool
- Rugged and easy to use.

880 0000-060 PK 10

INSULATED STRAINERS

WHITE INSULATED STRAINER

- Suitable for high strain use
- Spring clip design for easy tensioning
- Heavy duty insulator protects against arcing
- Rust resistant
- Galvanised frame with aluminium spool
- Rugged and easy to use
- UV stabilised for long life.

880 0001-661 PK 10

BULLNOSE INSULATED STRAINER

- Suitable for high strain use
- Spring clip design for easy tensioning
- Heavy duty insulator protects against arcing
- Rust resistant
- Galvanised frame with aluminium spool
- UV stabilised for long life
- Rugged and easy to use.

880 0000-001 PK 10

IN LINE STRAINER

IN LINE STRAINER

- Suitable for high strain use
- Can be added to fence without cutting wire
- Designed to work with In Line Strainer Handle or 12 mm drive ratchet
- Rust resistant
- Rugged and easy to use
- Light weight high strength aluminium construction.

880 0000-126 PK 25

IN LINE STRAINER HANDLE

- Galvanised handle for In Line Strainer
- Rust resistant
- Rugged and easy to use.

880 0000-099 EA

Cable and Specialised Wire

Durable, reliable and UV stabilised for long life. We provide a 1 year warranty on all our cable and specialised wire products.

CABLE

EXTREME 2.7 MM UNDERGROUND CABLE

- Ideal for large properties with high powered energizers
- 2.7 mm (12 ga) aluminium coated steel for extreme conductivity
- 3 x more conductive than 2.5 mm (12.5 ga) Premium Underground Cable
- 8 x more conductive than 1.6 mm (16 ga) Underground Cable
- Use with Stafix Joint Clamps
- Resistance of 11.5 ohms / km
- Easy to strip with soft steel core for greater flexibility
- Delivers more power over long distances.

880 0001-548 50 m Spool
880 0000-513 100 m Spool
880 0000-352 500 m Spool

PREMIUM 2.5 MM UNDERGROUND CABLE

- Suitable for all properties
- 2.5 mm (12.5 ga) galvanised steel for greater conductivity
- 3 x more conductive than 1.6 mm (16 ga) Underground Cable
- Use with Stafix Joint Clamps
- Resistance of 35 ohms / km
- Easy to strip with soft steel core for greater flexibility.

880 0000-941 25 m Spool
880 0000-511 50 m Spool
880 0000-785 100 m Spool
880 0000-356 500 m Spool

1.6 MM UNDERGROUND CABLE

- Ideal for small properties with low powered energizers
- 1.6 mm (16 ga) galvanised steel
- Use with Stafix Joint Clamps
- Resistance of 90 ohms / km
- Easy to strip with soft steel core for greater flexibility.

880 0000-222 25 m Spool
880 0001-165 50 m Spool
880 0000-606 100 m Spool

WIRE

ALUMINIUM COATED LEAD-OUT WIRE

- Ideal for long lead-out and high powered energizer installations
- 2.7 mm (12 ga) aluminium coated steel for extreme conductivity
- 3 x more conductive than standard 2.5 mm (12.5 ga) galvanised wire
- Resistance of 11.5 ohms / km
- Ideal for use in coastal and other corrosive environments.

880 0000-051 1,000 m Spool

FLEXINET SHEEP

- Highly visible temporary short run fence
- Tough polypropylene with stainless steel conductors
- 50 m length with pre-spaced poli-stakes
- UV stabilised for long life.

Includes anchoring kit and warning sign.

880 0000-117 PK 1

Outriggers

Stafix Outriggers are backed by a 1 year warranty. They help preserve the life of existing conventional fences. Simply attach Outriggers and run an electrified wire through them to keep stock off the fence.
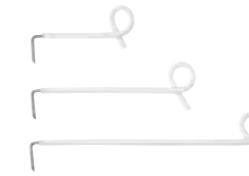
WOOD POST OUTRIGGERS

SIDE FIXING

- Galvanised spring steel construction
- UV stabilised for long life
- Available lengths:
  150 mm
  270 mm
  400 mm.

880 0001-184 150 mm PK 5
880 0000-020 270 mm PK 5
880 0002-463 400 mm PK 5

TOP FIXING

- Galvanised spring steel construction
- UV stabilised for long life
- Available lengths:
  150 mm
  270 mm
  400 mm.

880 0002-126 150 mm PK 5
880 0000-107 270 mm PK 5
880 0002-213 400 mm PK 5

DOUBLE ENDED

- Galvanised spring steel construction
- UV stabilised for long life.

880 0000-106 860 mm PK 10

WIRE OUTRIGGERS

WOOD POST FIBREGLASS OUTRIGGER WITH CLIP

- 300 mm wood post fibreglass outrigger
- 10 mm diameter, UV stabilised, silicon bonded fibreglass.

Includes stainless steel spring clip.

880 0000-494 PK 10

PINLOCK WIRE OUTRIGGERS

- Ideal for installing electric fencing onto existing non-electrified fences
- Constructed from high tensile galvanised steel
- UV stabilised pinlock insulator for easy wire insertion and removal.

880 0000-525 PK 5

STAFIX
by Datamars

✓ BETTER ISOLATION

✓ LIVE HOT TIPS

✓ MORE DURABLE

POWER YOUR
FARMER'S PERIMETER

Speedrite Hot Tip Outriggers

add a hot strand to your farmer'sexisting perimeter to deter livestock, pests, or predators from causing damage to the permanent fence. Eachwire connection point is live, so even the most determined animal willreceive a shock no matter where they touch the hot wire. Available forwood or steel posts.

STEEL POST
OUTRIGGERS
AVAILABLE.
(FIXINGS INCLUDED)

WOOD POST OUTRIGGERS

HOT TIP OUTRIGGERS

Hot Tip W/Post Single 170 mm

Product code: 880 0004-835

Hot Tip W/Post Single 300 mm

Product code: 880 0004-836

Display box

REINFORCE EXISTING FENCES WITH EASE.

✓ FEATURES RIDGES TO STOP WATER POOLING AND PREVENT SHORTS

✓ AVAILABLE IN 170 MM AND 300 MM LENGTHS

✓ WORKS WITH WIRE OR POLIWIRE/BRAID/ROPE UP TO 8MM OR POLITAPE UP TO 20 MM

✓ MADE WITH 6 MM GALVANISED STEEL WIRE

✓ UV STABILISED MATERIALS FOR LONG LIFE AND DURABILITY

✓ 10 YEAR WARRANTY

Gate Hardware

All Stafix gate products come with a 1 year warranty.

TAPE GATE

- Electrifies gateways up to 5 m wide
- Versatile and easy to install
- Fully insulated, heavy duty handle with protective guards and non-slip grip
- Designed for maximum visibility with 40 mm wide tape
- Tape contains 10 stainless steel strands for high conductivity.

Includes: heavy duty insulated handle, 2 x Wood Post Pinlock Insulators, buckle, activator and 5 m of Premium Gate Tape.

880 0000-618 PK 1
880 0002-231 PK 5

TAPE GATE HARDWARE KIT

- For custom length gateways
- For use with Stafix Premium Gate Tape
- Versatile and easy to install
- Fully insulated, heavy duty handle with protective guards and non-slip grip.

Includes: heavy duty insulated handle, 2 x Wood Post Pinlock Insulators, buckle and activator (excludes tape).
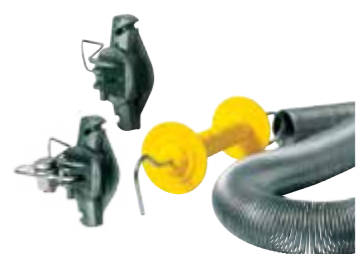
880 0002-334 PK 1
880 0010-596 PK 5

SPRING GATE WHITE

- Electrifies gateways up to 5 m wide
- Versatile and easy to install
- Fully insulated, heavy duty handle with protective guards and non-slip grip
- Highly visible powder coated white rust resistant spring.

Includes: heavy duty insulated handle, 2 x Wood Post Pinlock Insulators, activator and 5 m white spring.

880 0000-293 PK 1
880 0001-662 PK 5
880 0000-505 5 m Replacement Spring White PK 1

SPRING GATE

- Electrifies gateways up to 8 m wide
- Versatile and easy to install
- Fully insulated, heavy duty handle with protective guards and non-slip grip
- Galvanised rust resistant spring.

Includes: heavy duty insulated handle, 2 x Wood Post Pinlock Insulators, activator and galvanised spring.

880 0000-144 5 m wide PK 1
880 0000-906 XL 8 m wide PK 1
880 0000-696 5 m Replacement Spring PK 1
880 0000-508 8 m Replacement Spring PK 1

BUNGY GATE

- Electrifies gateways and races up to 11 m wide
- Versatile and easy to install
- Fully insulated handle with protective guards and non-slip grip
- Bungy Cord with 4 stainless steel strands provides extreme stretch, high conductivity and maximum shock exposure.

Includes: insulated handle, 2 x Wood Post Pinlock Insulators, activator, galvanised hook, High Visibility Flag and Bungy Cord.

880 0000-138 3.5 m - 7 m wide
880 0000-959 5.5 m - 11 m wide

BUNGY GATE HARDWARE KIT

- For custom length gateways
- For use with Stafix Bungy Cord
- Versatile and easy to install
- Fully insulated handle with protective guards and non-slip grip.

Includes: insulated handle, 2 x Wood Post Pinlock Insulators, activator, galvanised hook and High Visibility Flag (excludes Bungy Cord).

880 0002-391 PK 1
880 0001-891 PK 5

HANDLES

HEAVY DUTY GATE BREAK HANDLE

- Non-slip insulated grip
- High density UV stabilised polyethylene for long life
- High tensile galvanised spring
- Heavy duty, rugged body with large protective guards.

880 0000-635 Yellow CT 20
880 0000-467 White CT 20

GATE BREAK HANDLE

- Non-slip insulated grip
- High density UV stabilised polyethylene for long life
- Replaceable heavy duty galvanised spring.

880 0000-694 PK 6
880 0001-658 CT 20
880 0001-310 Replacement Spring PK 10

COMPRESSION GATE BREAK HANDLE

- High tensile, heavy duty spring compresses under tension, preventing over-stretching
- Non-slip insulated grip
- High density UV stabilised polyethylene for long life
- Heavy duty, rugged body with large protective guards.

880 0000-703 CT 20

ZAMMR HANDLE

- Convenient, multi-purpose handle
- Use as a live hook or an insulated hook in temporary fencing, or as a gate break handle
- Versatile – connect temporary fence wire, tape or bungy
- Strong stainless steel backbone for high conductivity and corrosion resistance
- Single piece over-mould ensures a fully insulated handle
- Durable design for use in the toughest conditions.

880 0000-751 CT 30

INSUL HOOK

- Used when an insulated connection is required
- Strong, UV resistant design
- For use in temporary fence application
- Slim design for ease of use.

880 0000-631 PK 10

OTHER GATE PRODUCTS

GATE ACTIVATOR

- For use with tape, spring and bungy gates
- Zinc Joint Clamp for easy connection of wires
- Unique swivelling activator plate.

880 0000-770 PK 10

TAPE GATE BUCKLE

- For use with Premium Gate Tape.

880 0000-681 PK 10

BUNGY CORD

- Heavy duty electrified shock cord with supreme elasticity
- 4 stainless steel wires cross over 10 x per cm for maximum conductivity
- Suitable for all livestock
- UV stabilised for long life.

880 0000-281 Bungy Cord 50 m Spool
880 0002-315 Bungy Cord 200 m Spool

BUNGY HOOK

- Galvanised hook for bungy gate anchor.

880 0001-055 Bungy Hook PK 10

HIGH VISIBILITY FLAG

- For use on any gateway including tape, spring or bungy.

880 0002-157 PK 10

General Accessories

All Stafix general accessories come with a 1 year warranty.

CUT-OUT SWITCHES

EXTREME CUT-OUT SWITCH

- Use to isolate sections of electric fence with minimal disruption to your farm
- 2 stainless steel contacts for positive connection
- UV stabilised for long life
- Heavy duty connection arm
- Fits securely onto post.

880 0000-480 CT 5

CUT-OUT SWITCH

- Use to isolate sections of electric fence with minimal disruption to your farm
- 2 stainless steel contacts for positive connection
- UV stabilised for long life
- Highly visible on/off position
- Fits securely onto post.

880 0000-012 CT 10

You Tube Watch our how-to videos online
www.youtube.com/StafixFence

LIGHTNING PROTECTION

LIGHTNING DIVERTER KIT

- Kit contains components needed to block and divert most voltage spikes from lightning strikes.

Includes: spring choke, insulator, joint clamps and lightning arrestor.

880 0000-176 PK 1
880 0001-058
Replacement Lightning Arrestor PK 1

JOINT CLAMPS

HEAVY DUTY CLAW JOINT CLAMP

- Use to create electrical connections between wires
- Galvanised construction for superior rust resistance
- Claw design allow multiple connecting wires
- Suitable for wire up to 4 mm (8 ga).

880 0000-048 PK 20

SPLIT BOLT JOINT CLAMP

- Use to create electrical connections between wires
- Solid zinc for superior corrosion resistance
- Ideal for coastal or other harsh environments
- Suitable for wire up to 2.7 mm (12 ga).

880 0000-172 PK 20

WARNING SIGN

WARNING SIGN

- Clear warning for safety
- Signs may be required by law – refer to your local bylaws for more information.

880 0000-087 CT 100

You Tube Watch our how-to videos online www.youtube.com/StafixFence

L-SHAPE JOINT CLAMP

- Ensures a highly conductive connection for wire up to 4 mm
- Use to create electrical connections between wires
- High-spec galvanised construction for superior rust resistance
- Ideal for most farm conditions

880 0001-921 PK 20

JUMBO JOINT CLAMP

- Use to create electrical connections between wires
- Solid zinc for superior corrosion resistance
- Ideal for coastal or other harsh environments
- Suitable for 3.15 mm (10 ga) or 4 mm (8 ga) wire.

880 0001-885 PK 20

FLOOD PROTECTION

FLOOD GATE CONTROLLER

- Limits energy loss from heavy growth or flooding
- Fully sealed from insects and the environment
- Ideal for use near creeks, river beds and areas prone to flooding.

880 0000-961 PK 1

EARTHING

EARTH KIT

- Ensures effective connection between energizer and earth, maximising the performance of your electric fence.

Pack of 3 includes: 3 x 2 m galvanised earth rods and
3 x galvanised earth clamps.

880 0001-653 PK 3

EARTH ROD / EARTH CLAMP

- Solid galvanised construction.

880 0001-414 Galvanised Earth Rod 2 m EA
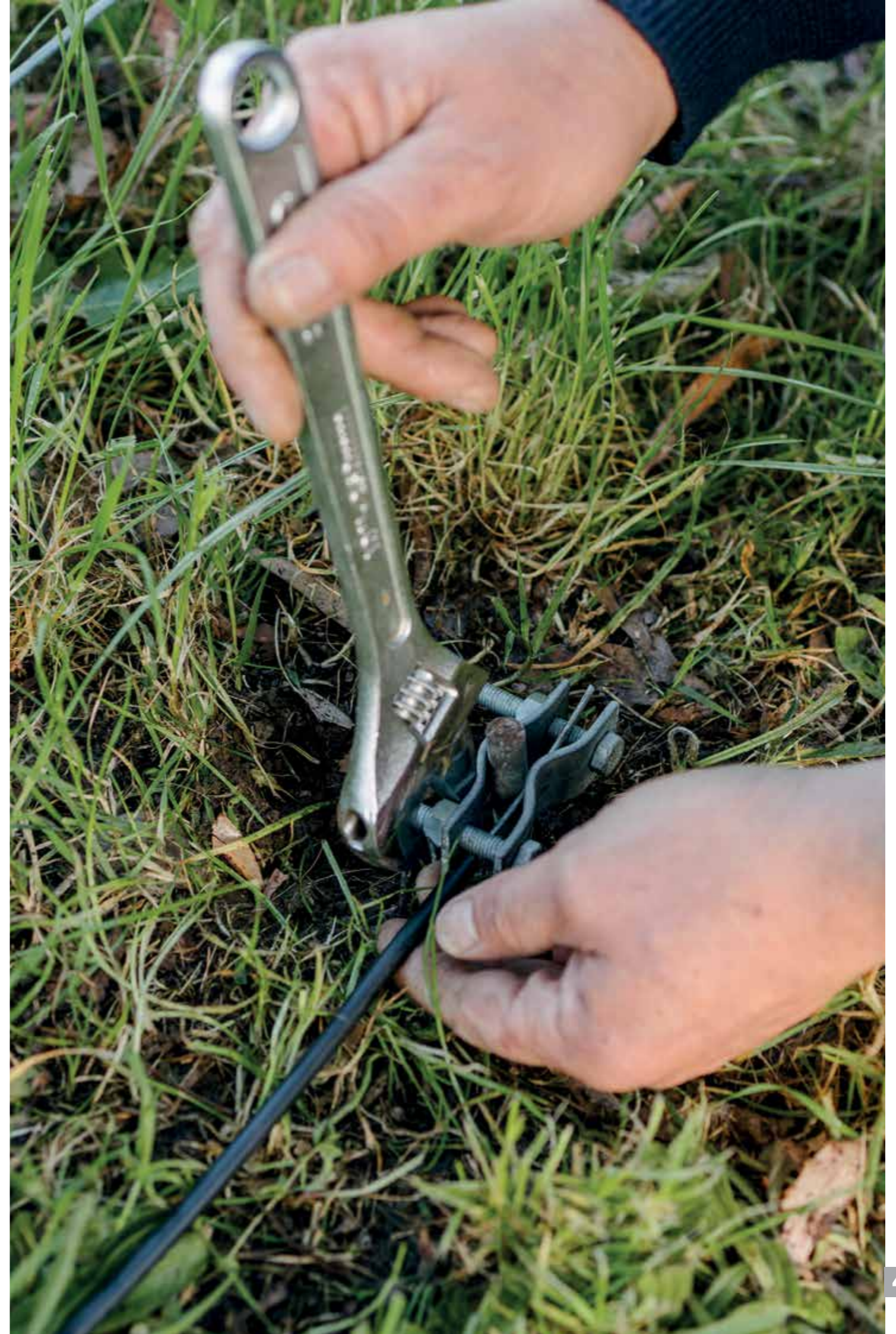880 0002-192 Galvanised Earth Clamp PK 3

EZE EARTH ROD

- 2m or 600mm galvanised steel rod
- No heavy driving needed
- Simply fit into a heavy-duty battery drill & drill directly into the soil
- Auger screw end for dynamic insertion into all soil types
- Easily removable for re-use

880 0010-961 Kit (3x EZE Earth Rods + 3 Earth Clamps)
880 0011-000 (1 x Earth Rod 600mm)

Temporary Electric Fencing

Helps increase production through providing a quick, easy and inexpensive way to subdivide paddocks.
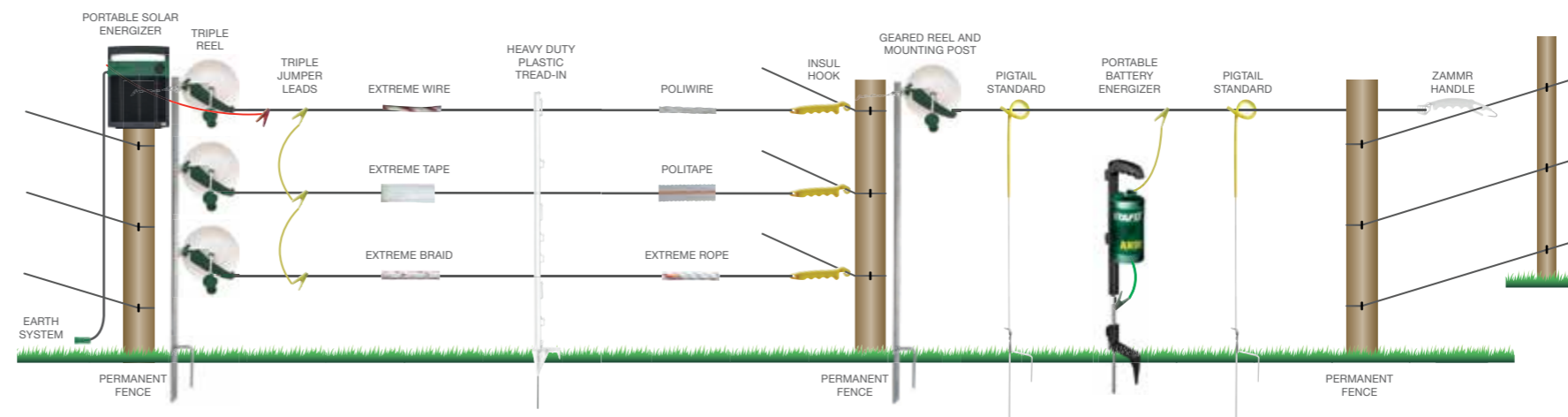
This portable fencing solution gives you the versatility to strip graze, make temporary paddocks or pens and protect trees and crops from damage by stock.

Temporary Electric Fence System

Diagram is an example only. For more details on temporary fencing design visit www.stafix.com/resources.

Strip grazing for controlled rotational grazing is an excellent method to improve pasture utilisation. For best early re-growth of pasture, back-fencing of areas already grazed is recommended. Generally, temporary fences are moved daily. The distance moved depends on the number of animals being grazed and the quality and quantity of pasture available. These products are recommended to ensure top performance of your temporary electric fence system.

Diagram labels: PORTABLE SOLAR ENERGIZER · TRIPLE REEL · TRIPLE JUMPER LEADS · EXTREME WIRE · HEAVY DUTY PLASTIC TREAD-IN · POLIWIRE · INSUL HOOK · GEARED REEL AND MOUNTING POST · PIGTAIL STANDARD · PORTABLE BATTERY ENERGIZER · PIGTAIL STANDARD · ZAMMR HANDLE · EXTREME TAPE · POLITAPE · EXTREME BRAID · EXTREME ROPE · EARTH SYSTEM · PERMANENT FENCE

CHECKLIST

Do you have:

✓ Battery or solar powered Energizer
✓ Reel(s)
✓ Tape, wire, braid or rope
✓ Tread-ins or pigtail standards
✓ Insul hooks or ZAMMR handles
✓ Jumper leads
✓ Mounting post(s)

Tape, Wire, Braid and Rope Products

Select between the Extreme, Premium and Poli range depending on your temporary fence needs. All Stafix poli products are UV stabilised for long life and come with a 1 year warranty.

The Stafix **EXTREME** range provides the ultimate in conductivity and strength for more demanding professional livestock control applications. Up to 6 tinned copper strands for extreme shock power.
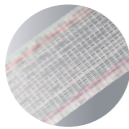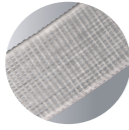
The Stafix **PREMIUM** range provides greater conductivity and strength for demanding professional livestock control applications. Up to 10 stainless steel strands for greater shock power.

The Stafix **POLI** range provides effective conductivity and strength for professional livestock control applications. 6 stainless steel strands for shock power.

TAPE 12 mm

	FEATURES	RESISTANCE (OHMS / KM)	VOLTAGE AT START OF FENCE (V)	VOLTAGE AT 100 M (V)	VOLTAGE AT 500 M (V)	VOLTAGE AT 1 KM (V)
EXTREME TAPE 12 MM 880 0000-799 White 200 m Roll 880 0000-522 White 400 m Roll	- 6 tinned copper strands - 106 x more conductive than standard Politape - Increased shocking and stopping power, ideal for long lengths of temporary and semi-permanent fence - Heavy duty tape, tightly woven for superior strength - 12 mm width with white and red weave for ultimate visibility - UV stabilised for long life.	65	8,000	7,900	7,500	7,100
PREMIUM SUPER 8 TAPE 12 MM 880 0001-043 White 200 m Roll 880 0001-894 White 400 m Roll	- 8 interwoven stainless steel strands - 1.3 x more conductive than standard Politape - Ideal for temporary fencing and strip grazing - Tightly woven for superior strength - 12 mm width with white and red weave for high visibility - UV stabilised for long life.	5,200	8,000	3,800	1,200	700
POLITAPE 12 MM 880 0001-036 White 200 m Roll 880 0002-322 Orange 200 m Roll 880 0002-230 White 400 m Roll	- 6 stainless steel strands - Ideal for temporary fencing and strip grazing - Tightly woven for superior strength - 12 mm width with white and orange weave for high visibility - UV stabilised for long life - Available in white or orange.	6,900	8,000	3,200	950	500

TAPE 40 mm

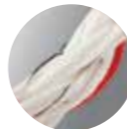|	FEATURES	RESISTANCE (OHMS / KM)	VOLTAGE AT START OF FENCE (V)	VOLTAGE AT 100 M (V)	VOLTAGE AT 500 M (V)	VOLTAGE AT 1 KM (V)
EXTREME TAPE 40 MM 880 0000-575 White 200 m Roll	- 5 tinned copper strands - 5 stainless steel strands - 99 x more conductive than standard Politape - Ideal for long distance, permanent and semi-permanent fencing - 40 mm width with white and orange weave for ultimate visibility - UV stabilised for long life.	70	8,000	7,900	7,500	7,000
PREMIUM TAPE 40 MM 880 0000-710 White 50 m Roll 880 0001-954 Orange 50 m Roll 880 0000-458 White 200 m Roll	- 10 stainless steel strands - 1.7 x more conductive than standard Politape - Ideal for permanent and semi-permanent fencing or high traffic areas such as gateways - 40 mm width for high visibility - UV stabilised for long life - Available in white or orange.	4,000	8,000	4,400	1,600	900

WIRE

	FEATURES	RESISTANCE (OHMS / KM)	VOLTAGE AT START OF FENCE (V)	VOLTAGE AT 100 M (V)	VOLTAGE AT 500 M (V)	VOLTAGE AT 1 KM (V)
EXTREME WIRE 880 0000-820 White 200 m Roll 880 0000-724 White 400 m Roll	- 6 tinned copper strands - 105 x more conductive than standard Poliwire - Increased shocking and stopping power, ideal for long lengths of temporary and semi-permanent fence - UV stabilised for long life - White with red weave for ultimate visibility.	65	8,000	7,900	7,500	7,100
PREMIUM WIRE 880 0000-539 White 400 m Roll 880 0000-622 Orange 400 m Roll	- Premium Super 9 wire - 9 stainless steel strands - 1.5 x more conductive than standard Poliwire - Ideal for temporary fencing and strip grazing - UV stabilised for long life - Available in white or orange.	4,500	8,000	4,200	1,500	800
POLIWIRE 880 0000-515 White 200 m Roll 880 0000-358 Orange 500 m Roll 880 0000-897 White 500 m Roll	- 6 stainless steel strands - An economical choice for temporary fencing and strip grazing - UV stabilised for long life - Available in white or orange.	6,800	8,000	3,400	1,000	550

BRAID

	FEATURES	RESISTANCE (OHMS / KM)	VOLTAGE AT START OF FENCE (V)	VOLTAGE AT 100 M (V)	VOLTAGE AT 500 M (V)	VOLTAGE AT 1 KM (V)
EXTREME BRAID 7 MM 880 0001-876 White 200 m Roll	- 4 tinned copper strands for ultimate conductivity - 4 stainless steel strands for ultimate strength - 68 x more conductive than standard Poliwire - Increased shocking and stopping power, ideal for long lengths of temporary and semi-permanent fence - White with red weave for ultimate visibility - UV stabilised for long life.	100	8,000	7,900	7,300	6,700
EXTREME BRAID 3 MM 880 0001-671 200 m Roll	- 4 tinned copper strands - 72 x more conductive than standard Poliwire - Increased shocking and stopping power, ideal for long lengths of temporary and semi-permanent fence - White with red weave for ultimate visibility - UV stabilised for long life.	95	8,000	7,900	7,300	6,700

ROPE

	FEATURES	RESISTANCE (OHMS / KM)	VOLTAGE AT START OF FENCE (V)	VOLTAGE AT 100 M (V)	VOLTAGE AT 500 M (V)	VOLTAGE AT 1 KM (V)
EXTREME ROPE 6 MM 880 0000-321 White 200 m Roll	- 3 tinned copper strands - 3 stainless steel strands - 52 x more conductive than standard Poliwire - Ideal for temporary fencing and strip grazing - 6 mm diameter for greater visibility and strength - UV stabilised for long life.	130	8,000	7,800	7,100	6,300

Reels

Stafix reels are unrivalled for their reliability and performance. They all feature a rugged, sturdy design. Stafix geared reels are made of high impact polymers and galvanised steel frames and come with a 5 year bobbin UV warranty.

EXTREME GEARED REEL

- Holds 500 m poliwire or 200 m politape
- 3:1 gear ratio with a solid steel crank
- Wire tracking for even wire distribution across the bobbin
- Drag adjustment to prevent over run and tangling
- Isolated power flow through the reel frame
- On/off power switch for fingertip control
- New hook design for enhanced stability on fence or bike
- Hook fits a range of bar widths
- Frame insulated from spool
- UV stabilised materials for long life and durability

880 0004-622 EA

EXTREME PRE-WOUND GEARED REEL

- Extreme Geared Reel pre-wound with Extreme Wire, poliwire or politape.
- Comes with ZAMMR Handle.

880 0004-626
REEL STX EXTREME GEARED+EXTWIRE
400M W/ZAMMR WHI
880 0004-628
REEL STX EXTREME GEARED+PTAPE S8
200M W/ZAMMR WHI
880 0004-630
REEL STX EXTREME GEARED+PWIRE 6SS
500M W/ZAMMR WHI

GEARED MEGA REEL

- Holds 1,000 m poliwire or 400 m politape (12 mm)
- 3:1 gear ratio with a solid steel crank
- Frame insulated from spool
- Use with carry handle or on mounting post
- UV stabilised for long life
- Galvanised steel frame
- Rugged steel locking system.

880 0000-344 EA

GEARED REEL

- Holds 500 m poliwire or 200 m politape (12 mm)
- 3:1 gear ratio with a solid steel crank
- Frame insulated from spool
- Use with carry handle or on mounting post
- UV stabilised for long life
- Galvanised steel frame
- Rugged steel locking system.

880 0000-545 with ZAMMR Handle EA

PREWOUND GEARED REEL

- Geared Reel pre wound with poliwire, tape (12 mm) or braid
- Comes with ZAMMR Handle.

880 0000-953 Premium Super 8 Tape (12 mm) 200 m EA
880 0000-462 Poliwire White 500 m EA
880 0001-992 Premium Super 9 Wire White 500 m EA
880 0001-992 Extreme Wire 400 m EA
880 0002-234 Extreme Braid (3 mm) 200 m EA

SUPER REEL

- Holds 1,000 m poliwire or 400 m politape (12 mm)
- 1:1 gear ratio
- Frame insulated from spool
- Use with carry handle or on mounting post
- UV stabilised for long life
- Galvanised steel frame
- Rugged steel locking system.

880 0000-238 EA

VALUE REEL

- Holds 500 m poliwire or 200 m politape (12 mm)
- 1:1 gear ratio
- Frame insulated from spool
- Use with carry handle or on mounting post
- UV stabilised for long life
- Galvanised steel frame
- Rugged steel locking system
- Innovative notch frame design for easy and secure fence attachment.

880 0000-243 EA

PRE-WOUND VALUE REEL

- Value Reel pre-wound with Politape (12 mm).

880 0002-009
Pre-wound Politape White 200 m EA

MOUNTED REELS

PRE-WOUND TRIPLE GEARED REEL

- Features 3 x Geared Reels pre-wound with 500 m of white Poliwire.

Includes: mounting post and 3 x Insul Hook.

880 0001-824 EA

PRE-WOUND TRIPLE REEL

- Features 3 x Value Reels pre-wound with 500 m of orange Poliwire.

Includes: mounting post.

880 0004-598 EA

MOUNTING POST

REEL MOUNTING POST

- Sturdy galvanised steel construction.

Includes: anchor chain.

880 0000-482 Galvanized 3 holes EA

Temporary Fence Posts
All Stafix temporary fence posts come with a 1 year warranty.

TREAD-INS

HEAVY DUTY TREAD-IN

- Designed for maximum strength and versatility
- Suitable for poliwire, tape up to 40 mm or rope and braid up to 8 mm
- 9 positions available in 860 mm fence height (1,060 mm total height); 11positions available in 1,290 mm fence height (1,500 mm total height)
- UV stabilised for long life
- Rugged "H" profile post
- Galvanised metal spike
- Extra long length suitable for equine.

880 0000-661 White 860 mm CT 50
880 0001-942 Yellow 860 mm CT 50
880 0001-148 White 1,290 mm CT 50

PLASTIC TREAD-IN

- Lightweight design
- 8 positions for 12 mm tape or poliwire, rope and braid up to 8 mm
- UV stabilised for long life
- Galvanised metal spike
- 860 mm fence height (1,040 mm total height).
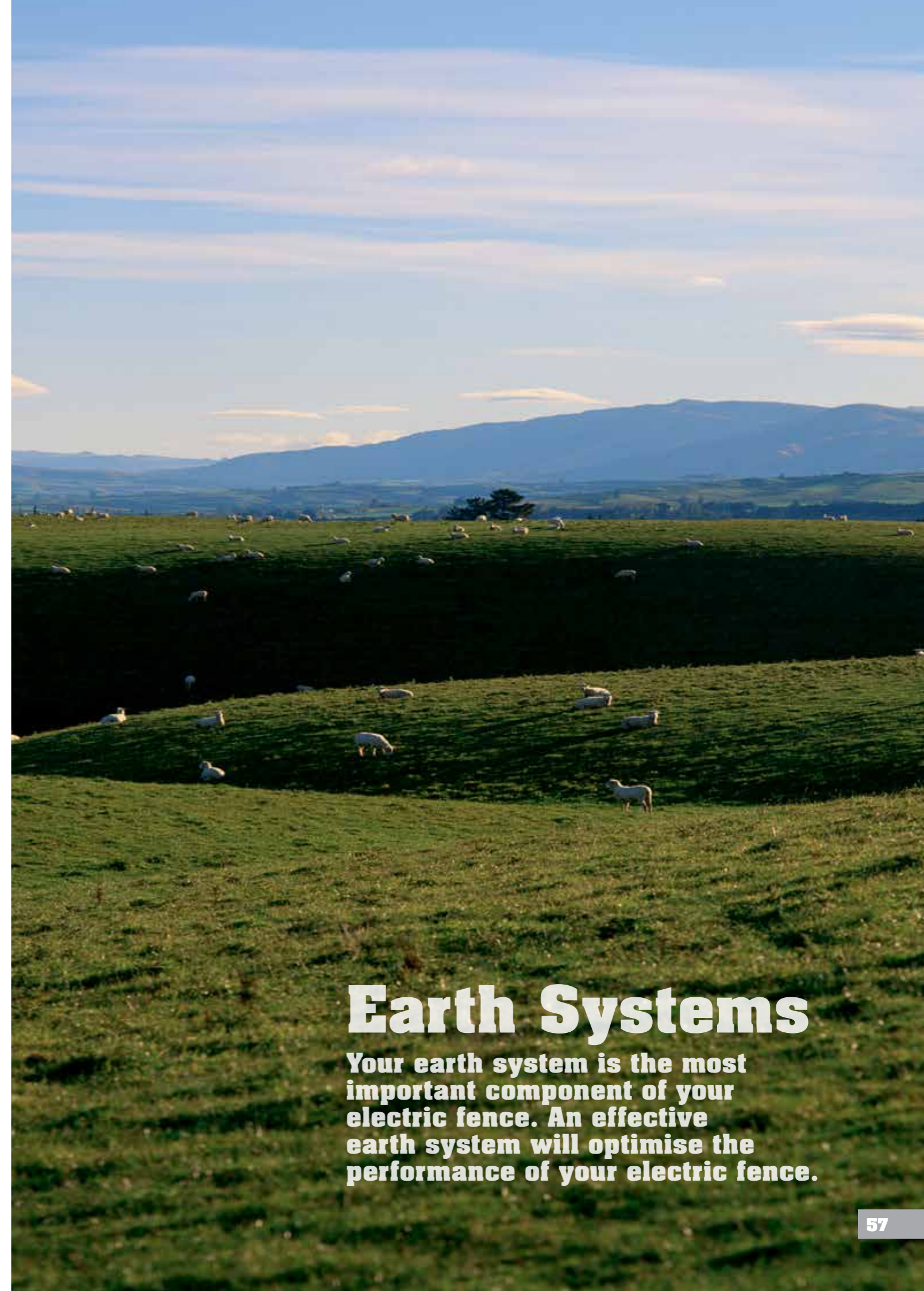
880 0001-660 Red CT 50

LEADS

JUMPER LEADS

- Recommended for ensuring good electrical connections in temporary fencing
- Joint clamps are recommended for permanent electric fencing.

880 0000-672 Single Jumper Lead PK 1
880 0001-666 Triple Jumper Lead PK 1

Earth Systems
Your earth system is the most important component of your electric fence. An effective earth system will optimise the performance of your electric fence.

Setting up your Earth System

Installing your Energizer

Before installing make sure you have read all the instructions provided with your energizer.

INDOOR INSTALLATION

Mains, Unigizer™ or battery powered energizer

- Mount out of reach of children and animals

- Mount a mains powered energizer near a power point.

OUTDOOR INSTALLATION

Unigizer or battery powered energizer

- Mount out of reach of children and animals

- If necessary, build a protective box or fence around the energizer and battery

- Where possible, connect the energizer to the middle of the fence.

SOLAR INSTALLATION

Solar powered energizers

- Mount out of reach of children and animals

- If necessary, build a protective fence around the solar installation

- Where possible, position the energizer and solar panel(s) in the middle of the fence

- Adjust the solar panel(s) to face north in the southern hemisphere and south in the northern hemisphere

- Tilt the solar panel(s) to face the midday sun.

Refer to your product user manual for more information about energizer installations or visit www.stafix.com/resources. For further assistance, contact your local Datamars Livestock Territory Manager or Stafix retailer/distributor for advice. You'll find their details online at www.stafix.com. Alternatively, refer to the back cover for details of your local Datamars office.

Earthing your Energizer

UNDERSTANDING EARTHING

What is an earth system?

The earth system consists of a number of earth rods that provide an effective (low resistance) path for the electric current to return to the energizer's earth terminal. Larger energizers with large fence lines require more earth rods.

How does earthing work?

For an electric fence to give an electric shock the current produced by an energizer must complete a full circuit. The current leaves the energizer and moves along the fence wires through the animal, into the soil and back to the energizer via the earth system. If the earth system is ineffective the animal will receive an inadequate shock.

What factors affect your earth system?

Dry, sandy or non-conductive soil (e.g. volcanic soil) provides an ineffective earthing system. If you have this type of soil, it's a good idea to 1) use additional earth rods or 2) choose a better location for the earth system (such as damp soil) or 3) consider an alternative method of earthing such as the Fence Wire Earth Return.
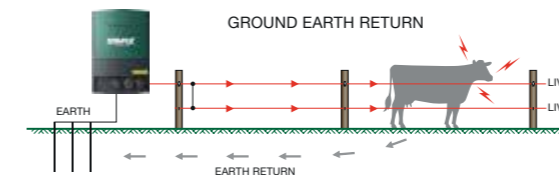

Setting up your Earth System

STEP 1

CHOOSE THE RIGHT SYSTEM FOR YOU

Option 1 – Ground Earth Return

Recommended where soil is conductive. This system is suitable for most moist soils.
Current flows through the animal and the ground back to the earth rods.

GROUND EARTH RETURN

EARTH
LIVE
LIVE
EARTH RETURN

Option 2 – Fence Wire Earth Return

Recommended where soil is not conductive.
If the soil is dry, sandy or volcanic it is usually not conductive.
The fence is constructed using both live and earth wires. If the animal touches the live wire, the current flows through the animal and the ground to the earth rods and back to the energizer. If the animal touches the live wire and the earth wire the current flows through the ground and fence earth wire back to the energizer.

FENCE WIRE EARTH RETURN

EARTH
LIVE
EARTH
EARTH RETURN
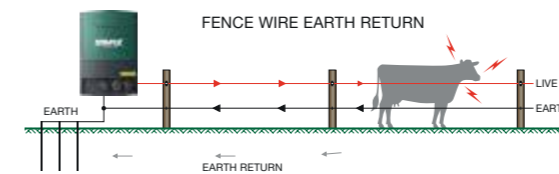
STEP 2

SELECT THE SITE FOR YOUR EARTH SYSTEM

A suitable place for an earth system is:
- A minimum of 10 m away from other earth systems, e.g. house mains, underground power or phone lines
- Away from stock or other traffic that could interfere with the installation
- Easily accessible for maintenance
- Where there is damp soil all year round, e.g. shaded or swampy areas.

TIPS

1. In some situations it is not possible to locate the earth system close to the energizer. As an alternative try using the existing fence line to connect to a remote earth system.

2. It may be necessary to water the earth system in dry weather to improve soil conductivity.

STEP 3

INSERT THE EARTH RODS

The number of earth rods required depends on the type of energizer you're using to power the fence and the soil conductivity. It is recommended that you consult with your local retailer/distributor for the correct number of earth rods to suit your specific location.
1. Space the required number of 2 m earth rods at least 3 m apart. If using a bentonite salt earth system, space the earth rods at least 10 m apart.
2. Ensure that the earth rods protrude out of the soil by 100 mm so they can be easily connected.
3. Connect the earth rods in series using earth clamps and insulated cable* in one continuous length without joins.
* Note you will need to strip small sections of the insulation away from the cable to connect to the earth clamp/earth rod.

STEP 4

TESTING YOUR EARTH SYSTEM

Test your earth system to ensure it's working properly.
To do this:
1. Turn off the energizer.
2. Short circuit the fence to ground at least 100 m away from the energizer. This can be done by laying steel rods or pipes against the fence. In dry or sandy soils drive the rods into the soil up to 300 mm.
3. Turn on the energizer.
4. Use a digital voltmeter (see pg 29) to measure the fence voltage. It should read less than 2 kV. If not, repeat steps 1-3 using more steel rods or pipes.
5. Attach the voltmeter clip to the last earth rod of the earthing system.
6. Insert the voltmeter probe into the soil at the full length of the leads.
7. The voltmeter reading should be no more than 0.3 kV. If the reading is higher than this, the earth system is inadequate. See the earthing checklist below, add more earth rods or find a better location for your earth system.

EARTH SYSTEM CHECKLIST

	TICK HERE
All wires are joined securely	☐
Connections to earth rods are secure	☐
Earth rods are at least 3 m apart	☐
Earth rods are at least 2 m long	☐
There are a sufficient number of earth rods	☐
All parts of the earth system are made of the same metal	☐
The earth rods are driven deeply into the soil (100 mm exposed)	☐
Earth rods are a minimum of 10 m away from buildings or other electrified earth systems, e.g. house mains, underground power or phone lines.	☐

EARTH SYSTEMS

GATES

Like our customers, PEL gates work day in and day out, rain, hail or shine. Proudly made in New Zealand with high quality welding and pipework, then hot dip galvanised after fabrication - there is no compromise on quality and durability. PEL offers a range of standard and made to order gates to suit the way you manage your farm.

ADJUSTABLE HINGE – THE LATEST INNOVATION FOR FARM GATES

The adjustable hinge incorporates a hard wearing nylon insert that helps prevent electric shocks, plus double bolts that improve gate durability, strength and performance.

Non-conductive nylon insert:
- Reduces the likelihood of current from adjacent electric fence electrifying the gate.
- Gives a perfect fit and superior bearing surface to reduce wear.

Double–bolted hinge:
- Increases clamping and limits unwanted gate movements.
- Prevents gates from coming off the gudgeon.
- Adjustable to suit any gudgeon configuration.
- Allows easy adjustment to raise or lower the gate.

ECONOMY GATE
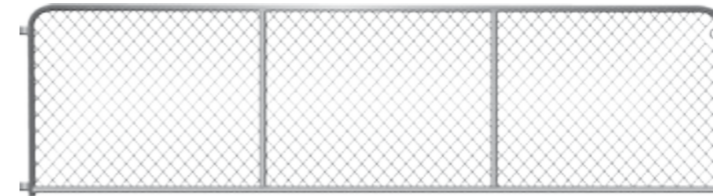
Height	1.00 m		Fixed Lug	20 mm x 2		Vertical	25 NB
Frame	25 NB		Chainlink	75 x 3.15 mm		2 bars	(2.44 m – 3.96 m)
						3 bars	(4.27 m – 4.87 m)

Available Lengths	
1.83 m (6 ft)	880 0010-434
2.13 m (7 ft)	880 0010-435
2.44 m (8 ft)	880 0010-436
2.74 m (9 ft)	880 0010-437
3.05 m (10 ft)	880 0010-438
3.35 m (11 ft)	880 0010-439
3.66 m (12 ft)	880 0010-440
3.96 m (13 ft)	880 0010-441
4.27 m (14 ft)	880 0010-442
4.87 m (16 ft)	880 0010-490

FIELD GATE
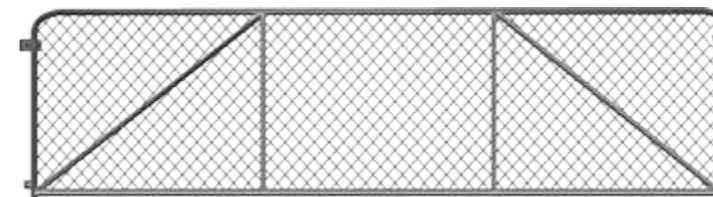
Height	1.00 m		Fixed Lug	20 mm		Vertical	25 NB 2 bars
Frame	25 NB		Adj. Lug	20 mm		Diagonal	20 NB 2 bars
			Chainlink	75 x 3.15 mm			

Available Lengths	
2.44 m (8 ft)	880 0010-443*
2.74 m (9 ft)	880 0010-444*
3.05 m (10 ft)	880 0010-445
3.35 m (11 ft)	880 0010-446
3.66 m (12 ft)	880 0010-447
3.96 m (13 ft)	880 0010-448*
4.27 m (14 ft)	880 0010-449
4.57 m (15 ft)	880 0010-450*
4.87 m (16 ft)	880 0010-451*
	* made to order

STRESSMASTERGATE

Height	1.00 m		Top Rail		Bottom Rail	
Hinge Upright	32 NB		25 NB	(3.66 m)	25 NB	(3.66 m, 4.27 m)
Catch Upright	25 NB		32 NB	(4.27 m)	32 NB	(4.87 m)
Stay	20 NB		40 NB	(4.87 m)	Diagonal	20 NB
Fixed Lug	20 mm x 2		40 NB	(4.27 m) Heavy	3 bars	(3.66 m, 4.27 m, 4.87 m)
Chainlink	75 x 3.15 mm				Vertical	20 NB
					2 bar	(3.66 m, 4.27 m, 4.87 m)

Available Lengths	
3.66 m (12 ft)	880 0010-430
4.27 m (14 ft)	880 0010-431
4.87 m (16 ft)	880 0010-432
Available in Heavy	
4.27 m (14 ft)	873019
	* made to order

NB: Nominal Bore   OD: Outside Diameter   20 NB = 26.6 mm OD   25 NB = 33.7 mm OD   32 NB = 42 mm OD   40 NB = 48 mm OD   50 NB = 60 mm OD

FARM & YARD GATES

MADE IN NZ

CONNECTING YOU AND YOUR LAND www.pel.co.nz

CATTLE GATE

Available Lengths	
3.66 m (12 ft)	880 0010-509
4.27 m (14 ft)	880 0010-510

Height	1.00 m	Fixed Lug	20 mm x 2	Vertical	25 NB
Frame	32 NB	Chainlink	50 x 3.15 mm	2 bars	(3.66 m)
				3 bars	(4.27 m)

STYLE E BARRED GATE

Available Lengths	
1.83 m (6 ft)	880 0010-421
2.13 m (7 ft)	880 0010-422
2.44 m (8 ft)	880 0010-423
2.74 m (9 ft)	880 0010-424
3.05 m (10 ft)	880 0010-425
3.35 m (11 ft)	880 0010-426
3.66 m (12 ft)	880 0010-427
3.96 m (13 ft)	880 0010-428
4.27 m (14 ft)	880 0010-429
4.57 m (15 ft)	880 0010-492*
4.87 m (16 ft)	880 0010-517
	* made to order
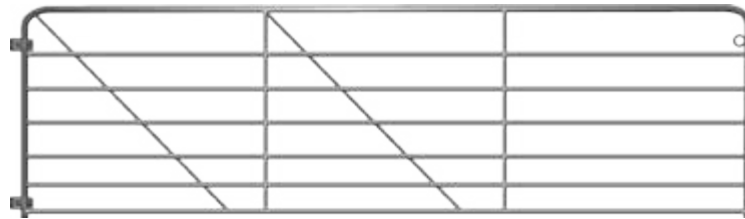
Height	1.05 m	Adj. Lug	20 mm x 2	Vertical	40 x 5 mm
Frame	25 NB	Horizontal	5 bars 20 mm	1 bar	(1.83, 2.13 m)
		Diagonal	6.3 mm	2 bars	(2.44 m - 3.66 m)
		No bars	(1.83 m - 3.35 m)	3 bars	(3.96 m - 4.87 m)
		2 bars	(3.66 m - 4.87 m)		

SPECIAL BARRED GATE

Available Lengths	
1.83 m (6 ft)	880 0001-182*
2.13 m (7 ft)	880 0009-084*
2.44 m (8 ft)	880 0001-631
2.74 m (9 ft)	880 0009-013
3.05 m (10 ft)	880 0001-630
3.35 m (11 ft)	880 0010-482
3.66 m (12 ft)	880 0010-462
3.96 m (13 ft)	880 0010-483
4.27 m (14 ft)	880 0001-629
4.57 m (15 ft)	880 0010-484
4.87 m (16 ft)	880 0001-142
	* made to order

Height	1.00 m	Horizontal	5 bars 6.3 mm	Vertical	25 x 3 mm
Frame	25 NB	Diagonal	6.3 mm	3 bars	(1.83 m)
Adj. Lug	20 mm x 2	1 bar	(1.83 m - 4.27 m)	4 bars	(2.13 m, 2.44 m)
		2 bars	(4.57 m, 4.87 m)	5 bars	(2.74 m)
				6 bars	(3.05 m, 3.35 m)
				7 bars	(3.66 m)
				8 bars	(3.96 m, 4.27 m)
				9 bars	(4.57 m)
				10 bars	(4.87 m)

MEDIUM BARRED GATE

Available Lengths	
1.83 m (6 ft)	880 0010-452*
2.13 m (7 ft)	880 0010-497*
2.44 m (8 ft)	880 0010-453
2.74 m (9 ft)	880 0010-454
3.05 m (10 ft)	880 0010-455
3.35 m (11 ft)	880 0010-456
3.66 m (12 ft)	880 0010-457
3.96 m (13 ft)	880 0010-458
4.27 m (14 ft)	880 0010-459
4.57 m (15 ft)	880 0010-460
4.87 m (16 ft)	880 0010-461
	* made to order

Height	1.05 m	Diagonal	6.3 mm	Vertical	25 x 3 mm
Frame	25 NB	1 bar	(1.83 m - 4.27 m)	3 bars	(1.83 m)
Adj. Lug	20 mm x 2	2 bars	(4.57 m, 4.87 m)	4 bars	(2.13 m, 2.44 m)
Horizontal	6 bars 7.5 mm			5 bars	(2.74 m, 3.05 m)
				6 bars	(3.35 m)
				7 bars	(3.66 m, 3.96 m)
				8 bars	(4.27 m)
				9 bars	(4.57 m, 4.87 m)

HEAVY BARRED GATE

Available Lengths	
1.83 m (6 ft)	880 0009-005*
2.13 m (7 ft)	880 0009-088*
2.44 m (8 ft)	880 0010-487*
2.74 m (9 ft)	880 0010-507*
3.05 m (10 ft)	880 0010-476
3.35 m (11 ft)	880 0010-477
3.66 m (12 ft)	880 0010-478
3.96 m (13 ft)	880 0010-479
4.27 m (14 ft)	880 0010-480
4.57 m (15 ft)	880 0010-481
4.87 m (16 ft)	880 0010-493
	* made to order

Height	1.05 m	Horizontal	5 bars 9.5 mm	Vertical	25 x 5 mm
Frame	25 NB	Diagonal	6.3 mm	3 bars	(1.83 m, 2.13 m)
Adj. Lug	20 mm x 2	1 bar	(1.83 m - 4.27 m)	4 bars	(2.44 m, 2.74 m)
		2 bars	(4.57 m, 4.87 m)	5 bars	(3.05 m)
				6 bars	(3.35 m)
				7 bars	(3.66 m, 3.96 m)
				8 bars	(4.27 m, 4.57 m)
				9 bars	(4.87 m)

DEER GATE

Available Lengths (1.55 m H)	
3.05 m (10 ft)	880 0010-463*
3.35 m (11 ft)	880 0010-464*
3.66 m (12 ft)	880 0002-502
4.27 m (14 ft)	880 0010-465
4.87 m (16 ft)	880 0010-466*
	* made to order

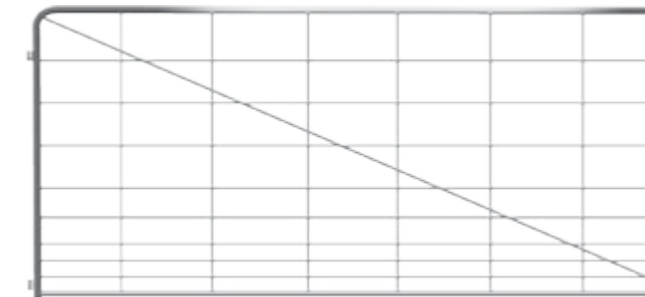| Available Lengths (1.90 m H)	
2.44 m (8 ft)	880 0010-467*
2.74 m (9 ft)	880 0010-468*
3.05 m (10 ft)	880 0010-469
3.35 m (11 ft)	880 0010-470*
3.66 m (12 ft)	880 0010-471
3.96 m (13 ft)	880 0010-472*
4.27 m (14 ft)	880 0010-473
4.57 m (15 ft)	880 0010-474*
4.87 m (16 ft)	880 0010-475*
	* made to order

Height	1.55 m / 1.90 m	Vertical (1.55 m)	25 NB	Vertical (1.90 m)	25 NB
Frame	25 NB	2 bars	(3.05 m - 3.95 m)	2 bars	(2.44 m - 3.96 m)
Horizontal	1 bar 25 NB	3 bars	(4.27 m - 4.87 m)	3 bars	(4.27 m - 4.87 m)
Fixed Lug	20 mm x 2				
Chainlink	75 x 3.15 mm				

MEDIUM BARRED DEER GATE

Available Lengths (1.50 m H)	
3.05 m (10 ft)	880 0009-150
3.66 m (12 ft)	880 0009-152
4.27 m (14 ft)	880 0009-154

Available in Heavy (1.85 m H)	
3.05 m (10 ft)	880 0009-151
3.66 m (12 ft)	880 0009-153
4.27 m (14 ft)	880 0009-155

Height	1.50 m / 1.85 m	Diagonal	6.3 mm	Vertical	7.5 mm
Frame	25 NB	Horizontal	7.5 mm	5 bars	(3.05 m)
Fixed Lug	20 mm x 2	8 bars	(1.50 m)	7 bars	(3.66 m)
		10 bars	(1.85 m)	8 bars	(4.27 m)

VERTICAL BARRED GATE

Available Lengths	
1.07 m (3 ft 6 in)	880 0009-060
1.20 m (4 ft)	880 0009-293
1.52 m (5 ft)	880 0009-061
1.83 m (6 ft)	880 0009-062
2.13 m (7 ft)	880 0009-063
2.44 m (8 ft)	880 0009-064
2.74 m (9 ft)	880 0009-074
3.05 m (10 ft)	880 0009-006
3.35 m (11 ft)	880 0009-077
3.66 m (12 ft)	880 0009-065
3.96 m (13 ft)	880 0009-072
4.27 m (14 ft)	880 0009-089

Height	1.00 m	Vertical	7.5 mm	25 bars	(2.74 m)
Frame	25 NB	9 bars	(1.07 m)	28 bars	(3.05 m)
Adj. Lug	20 mm x 2	11 bars	(1.20 m)	31 bars	(3.35 m)
		14 bars	(1.52 m)	34 bars	(3.66 m)
		17 bars	(1.83 m)	37 bars	(3.96 m)
		20 bars	(2.13 m)	40 bars	(4.27 m)
		23 bars	(2.44 m)		

MADE TO ORDER GATES

Options listed below are on a made to order basis. Other gate types/designs can be manufactured to suit your specifications on request.
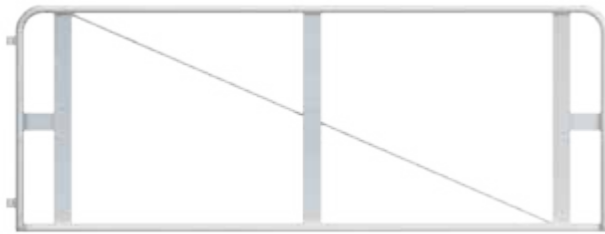
CATTLE YARD GATE - "TANGIHAU"
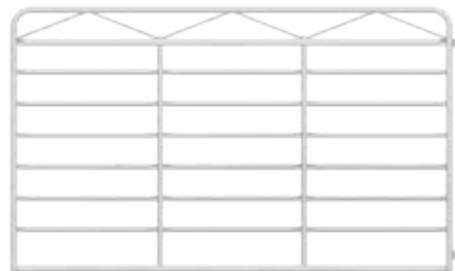
Height	1.50 m
Frame	32 NB Pipe Frame & Bottom & Secondary Top Rail
Internals	25 NB Pipe (32 NB Optional)
Lattice	12 mm RMS
Weld on Lug	20 mm x 2

SHEEP YARD GATES

Suggested Length

2.40 m (8 ft)*

* made to order in any length or height required

Height	0.95 m
Frames	25 NB
	75 x 5 FMS uprights for client to mount 150 mm x 25 mm rails of timber
Weld on Lug	20 mm x 2
Rod Diagonal	6.3 mm

Suggested Length

0.90 m (3 ft)*

* made to order in any length or height required

Height	0.95 m
Frames	25 NB
	75 x 5 FMS uprights for client to mount 150 mm x 25 mm rails of timber
Weld on Lug	20 mm x 2

## DEER ESCAPE GATE

Available Length

0.60 m	880 0009-004*

Outside dimensions of the outer frame are 800 mm wide x 860 mm high

* made to order

Height	700 mm
Frame	20 NB
Horizontal	4 bars 6.3 mm
Vertical	6.3 mm
Weld on Lug / Pins	16 mm x 2
Deadsure Latch	20 mm

MADE TO ORDER EQUINE GATES

Options listed below are on a made to order basis. Other gate types/designs can be manufactured to suit your specifications on request.
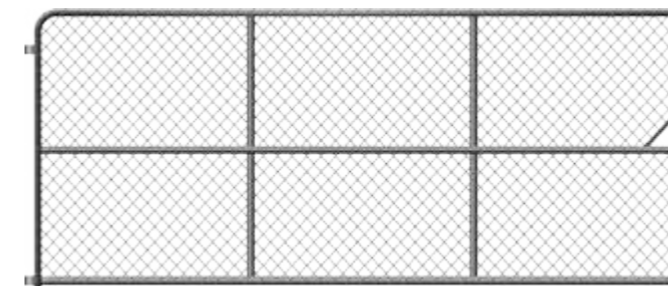
EQUINE YARD GATES
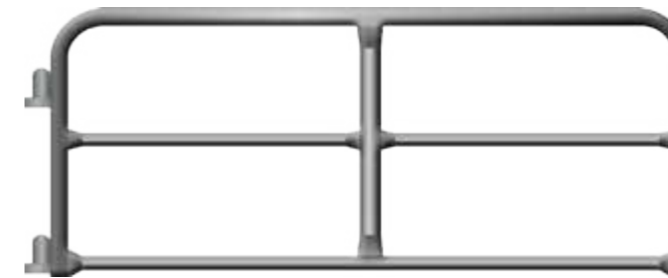
Available Lengths
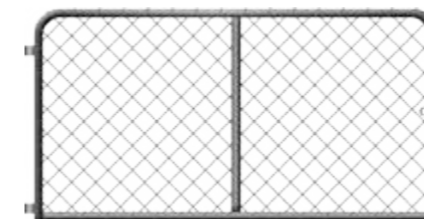
Manufactured to client's design specifications
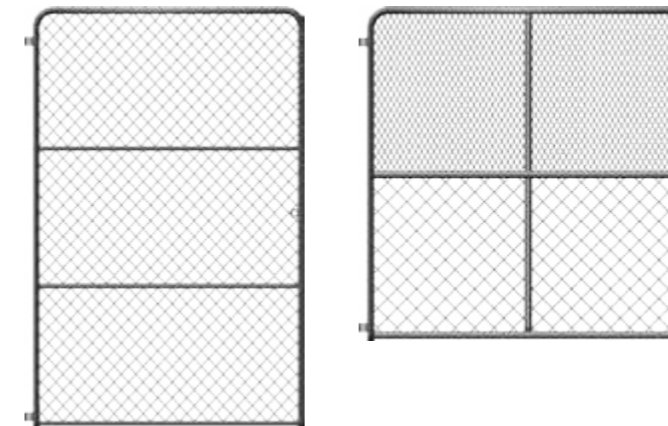
EQUINE PADDOCK GATES

Available Lengths

2.44 m (8 ft) to 4.87 m (16 ft)

Manufactured to client's design specifications

Height	1.55m

Height	1m

HAYES™

Fence Tools

In 1895 a young pioneer Ernest Hayes began farming the rugged back country of New Zealand's South Island and through his background in engineering, soon began to develop the tools that would help turn this wilderness back country into productive land.

Initially produced by hand, Hayes' simple tools began to develop a solid reputation and in 1902 he established the company that would proudly bear his name.

Times have changed, but the Hayes product you buy today remains a tribute to Ernest Hayes' imagination, drive, energy and determination to be the best.

Now 100 years on, Hayes products can be found hard at work all over New Zealand and in over 25 countries around the world.

Wire Strainers

Smooth Grip Chain Strainer
H300 (880 0000-015)

The **original** chain and grab wire strainer. Proven in the field for over 100 years.
- Heavy duty industry leader
- Available with anchor hook and extra long chain **H300AL** (800009)

Made in NZ

Clamp Strainer
H406 (880 0000-063)
- Designed for use with prefabricated fence
- For use with Steel Strainer Clamps
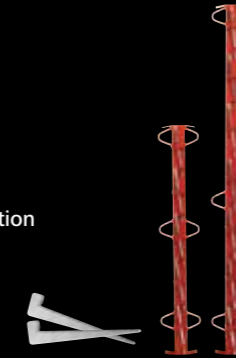
Made in NZ

Steel Strainer Clamps
H508S 1.2 m (880 0000-028)
H508S 1.9 m (880 0000-045)

- Hammer-in wedges for quick easy operation
- Strain up using **H406** Clamp Strainer

Made in NZ

"My team's tools get a hard time yet they must continue to perform. After 100's of kilometres of conventional, electric, horticultural and vineyard fencing, Hayes is definitely my preferred brand"

Gordy Davy - Fence Contractor, 10 years (Katikati, New Zealand)

Wire Dispensers

Adjustable-Collapsible Wire Dispenser
H540 Spike Foot (880 0000-019)
- Folding arms for ease of storage
- Adjustable to all wire coil diameters

Made in NZ

Single Tier Wire Dispenser
H319 Spike Foot (880 0002-263)
H319Y Y Foot (880 0002-377)
- Tough steel construction
- Cone braking to reduce wire tangling

Made in NZ

Deluxe Wire Dispenser
H320 (880 0000-112)
- Spring adjusted tension brake to control over-run
- Anchor pin for ground holding
- Coiling handle for recoiling fence wire

Made in NZ

Fence Post Tools

Fencing Spades
Round Head
H349 (880 0001-988) **1.12 m**
H350 (880 0001-628) **1.22 m**
- Hardened steel for long life
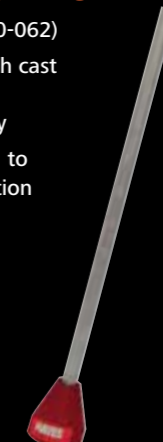- Double curvature head allows greater dirt removal

Made in NZ

Post Hole Rammer
H386AP (880 0000-062)
- Steel handle with cast iron foot makes compaction easy
- Half round head to suit any application

Made in NZ

Steel Standard Driver
H352 (880 0000-061)
- Dual handle and compaction weighting to assist driving with ease

Made in NZ

Steel Standard Lifter
H325 (880 0000-121)
- Robust design with excellent leverage

Made in NZ

ProCrimp & Crimp Sleeves

ProCrimp
(880 0000-123)

4-in-1 fencing tool - crimping tool, staple puller, cable stripper, and wire cutter.

- ■ Hardened stainless steel components provide strength and corrosion resistance
- ■ Double action crimping jaws maximise crimping force and enhance locking action for gripping staples
- ■ Flat head jaws give improved stability when removing staples
- ■ Extra long handles for improved crimping power and greater leverage for removing staples

Made in NZ

Crimping & Fencing Tool
(880 0000-088)

- ■ Double action crimping jaws maximise crimping force and enhance locking action for stripping wire
- ■ Extra long handles for improved crimping power
- ■ Soft grip handles for improved crimping power
- ■ Cuts wire up to 4.00 mm (8ga)
- ■ Locking action makes stripping underground cable easy

Crimp Sleeves

The easiest and most effective means of joining wire. Creates a joint that exceeds the breaking strength of wire.

HC2
Suitable for Ø1.6 - 2.5 mm
(16 - 12½ gauge) fence wire
Pot of 100 (880 0000-124)
Tub of 500 (880 0000-016)

HC3
Suitable for Ø2.50 - 3.15 mm
(12½ - 10 gauge) fence wire
Pot of 50 (880 0000-090)
Tub of 500 (880 0000-071)

HC4
Suitable for Ø3.55 - 4.0 mm
(9 - 8 gauge) fence wire
Pot of 50 (880 0000-105)

HCB
Pot of 50 (880 0000-034)
Suitable for barbed wire

HCE
Pot of 50 (880 0000-052)
For connection to electric fences

Fastlok™ Wire Connector
Reusable wire connector
Pot of 10 (880 0002-099)

Accessories

Tightening Handle
H303 (880 0000-133)

- ■ Used in conjunction with permanent wire strainers to tighten fence wire

Made in NZ

Permanent Wire Strainer
H302 (880 0000-132)

The **original** ratchet wire strainer

- ■ Superior load capacity
- ■ Famous for strength

Made in NZ

Spare Parts

Smooth Grip Chain Strainer

HP/100 (880 0004-059)
Anchor Hook

HP/101 (880 0000-128)
Spring, Loop and Cotter

HP/103 (880 0000-038)
300 mm Grab
Tubular Handle

HP/106L (880 0000-127)
Grip with Links and D

HP/106R (880 0000-075)
Grip with Links and Swivel

HP/107 (880 0000-036)
1.2 m Chain and
Grip Grab

HP/108 (880 0000-021)
Grab

HP/111 (880 0000-055)
Grab assembly

HP/115 (880 0000-006)
Bulk Strainer Chain
per metre

HP/300
Rivet Large (880 0004-004)
Rivet Small (804065)
Must be professionally
installed.

Made in NZ

Clamp Strainer

HP/101 (880 0000-128)
Spring, Loop and Cotter

HP406 (880 0001-833)
450 mm Grab
Tubular Handle

HP/108 (880 0000-021)
Grab

HP/115 (880 0000-006)
Bulk Strainer Chain
per metre

HP/300
Rivet Large (880 0004-004)
Must be professionally
installed.

HP/406HH (880 0009-112)

Handle and Hook

Made in NZ

Adjustable-Collapsible Wire Dispenser

HP/319TF (880 0002-453)
Fingers

(880 0010-419)
Centre Spike

(880 0010-420)
Y Foot

HP/999 (880 0010-417)
Spike Foot

Deluxe Wire Dispenser

HP/319TF (880 0002-453)
Fingers

(880 0009-142)
Deluxe Centre Spike

(880 0010-420)
Y Foot

Single Tier Wire Dispenser

HP/319TF
(880 0002-453)
Fingers

(880 0010-419)
Centre Spike

(880 0010-420)
Y Foot

HP/999 (880 0010-417)
Spike Foot

(880 0001-868)
Top Tension Spring

(880 0001-819)
Top Tension Handle

(880 0002-140)
Guide with Handle

Made in NZ

Post Rammer

HP/386 (880 0002-203)
Post Rammer Head

Steel Standard Lifter

HP/325/3 (880 0002-440)
(No. 1 DOG)
Steel Standard Lifter
Grip Plate

HP/325/2 (880 0010-416)
(No. 2 DOG)
Steel Standard Lifter
Grip Complete

Steel Strainer Clamps

HP/5085 (880 0000-077)
Steel Strainer Wedges

Made in NZ

Works better together.

We're committed to delivering a broader, integrated animal management portfolio, so we've united our product brands under one family – Datamars Livestock.

Tru-Test and Z Tags products, complimented by solutions from Speedrite, Stafix and Hayes, allow Datamars Livestock to offer a complete livestock management eco-system for sheep, cattle and dairy farmers. Our goal is to help you breed the best possible genetics, rear animals to target weights and sell at the best possible price.

Our products work with each other, but most importantly - they work with you.

Contact your local Datamars Livestock Territory Manager to find out more.

livestock.datamars.com

Tru-Test DATAMARS

Tru-Test's range of weighing and electronic identification solutions help farmers to improve productivity and profitability.

Z TAGS DATAMARS

Providing farmers with their identification needs for over 20 years, Z Tags products include visual tags, radio frequency identification tags and innovative applicators that make tagging livestock easy, safe and compliant.

Speedrite DATAMARS

From incredibly powerful mains energizers to a complete range of integrated electric fence solar energizers, Speedrite products offer a seriously unbeatable combination of power, usability, portability and value that take performance to a whole new level.

STAFIX by Datamars

Stafix energizers are recognised the world over for their extreme reliability, quality and performance. And for good reason. The features and technologies of Stafix products have been developed through decades of experience to deliver rugged and reliable electric fencing solutions.

Pel DATAMARS

PEL electric fencing solutions have been at the forefront of rural development since 1968. Bringing clever ideas to farmers and the agricultural industry, PEL products focus on making the small, everyday tasks on farm easy and effortless.

HAYES

Proudly made in New Zealand, Hayes tools are found hard at work, up and down the country. Products bearing the Hayes' name are built to last, with no compromise on quality and durability.

Prattley DATAMARS

Prattley has enjoyed a partnership with Tru-Test products over the last decade to bring quality drafting solutions to the New Zealand sheep industry.

tru-test.com   *ztags.com*   *speedrite.com*   *stafix.com*   *pel.co.nz*   *hayesfencing.com*   *prattley.co.nz*

Livestock
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